

# EAGLE ENVIRONMENTAL, INC.

# HAZARDOUS BUILDING MATERIALS INSPECTION REPORT 61 DURANT TERRACE MIDDLETOWN, CONNECTICUT

### PROVIDED TO

CITY OF MIDDLETOWN 245 DEKOVEN DRIVE MIDDLETOWN, CONNECTICUT

**PROVIDED BY** 

EAGLE ENVIRONMENTAL, INC. 531 NORTH MAIN STREET BRISTOL, CONNECTICUT

DECEMBER 7, 2010

EAGLE PROJECT NO. 10-038.13



# EAGLE ENVIRONMENTAL, INC.

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### 1.0 INTRODUCTION

On November 23, 2010, Eagle Environmental, Inc. conducted a hazardous materials inspection of the site and site structure for the former St. Sebastian School located at 61 Durant Terrace in Middletown, Connecticut. The scope of work included a complete hazardous building materials inspection including asbestos, lead-based paint and universal waste products. The City of Middletown is contemplating acquiring the building to convert into a Senior Center.

Inspections were preformed for all <u>visible and accessible</u> hazardous building materials identified in our fee proposal and sampling was also performed as indicated in our fee proposal. There might be additional hazardous materials existing in areas that were inaccessible such as behind the walls and above the ceiling.

### **Asbestos Containing Materials**

The asbestos inspection was conducted in order to satisfy the USEPA National Emission Standard for Hazardous Air Pollutants Act (NESHAP) as amended November 20, 1990. The USEPA NESHAP final rule requires the identification and removal of all regulated ACM in an area of renovation prior to renovating the area if the renovation work will disturb the ACM.

The asbestos inspection was performed by James Webb; a State of Connecticut licensed Asbestos Inspector (license # 000588).

### **Lead Based Paint**

The lead based paint (LBP) screen was performed in accordance with the requirements of the State of Connecticut, Department of Environmental Protection (DEP), <u>Guidance for the Management and Disposal of Lead Contaminated Materials Generated in the Lead Abatement, Renovation and Demolition Industries.</u> The DEP regulates the disposal of hazardous lead waste in the State of Connecticut. Lead-contaminated debris, not contaminated with other hazardous materials, is classified either as hazardous lead waste or as non-hazardous solid waste.

Additionally the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead in Construction.

The lead based paint screen was performed by Michelle Rudy; a State of Connecticut licensed Lead Inspector/Risk Assessor (license # 002197).

### Polychlorinated Biphenyls (PCB) in Wet Transformers, Caulking Compounds and Paint

### Wet Transformers

Electrical transformers come in two categories, wet and dry. The dry type transformer is generally not a disposal problem. The wet type transformer may contain oil which PCB. Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics and rubber products; and most recently has been identified by the USEPA as a concern in caulking compounds. The USEPA has identified numerous cases where PCBs have been added to caulk compounds prior to 1977 to improve adhesion and flexibility.

The USEPA regulates the disposal of PCB containing caulk as a bulk product, as well as soil and other materials contaminated with PCBs from caulk if the concentrations of PCBs is found to contain greater than 50 parts-per-million (ppm). The State of Connecticut Department of Environmental Protection regulates the removal and disposal of the PCB-containing and PCB-contaminated materials if the concentration is between 1 ppm and 50 ppm. Materials containing less than 1 ppm PCB are not regulated and can be disposed of as general construction waste.

### Universal Waste Products and Other Environmental Concerns

### PCB and Di-ethylhexlpthalate (DEHP) Containing Items

PCB and DEHP lighting ballasts, electrical equipment including capacitors and switches that contain PCBs are regulated under the Toxic Substances Control Act of 1976 (TSCA) which bans the manufacture and distribution of PCBs and regulates its disposal and storage.

PCBs and DEHP can be found in a number of items, including lighting ballast and electrical equipment including capacitors and switches. DEHP and PCB-containing items such as these must be managed and disposed of in accordance with special requirements.

A visual inspection for the presence of lighting ballasts and electrical equipment potentially containing PCB's or DEHP was performed

### **Mercury Containing Items**

Fluorescent lamps, thermostats, mercury switches, manometers, natural gas meters, and other items can contain enough mercury to be classified as a special waste, and may therefore not be disposed of as regular construction debris. The mercury and mercury vapors associated with these products must be reclaimed prior to disposal of the products. A visual inspection for the presence of fluorescent lamps, thermostats and switches potentially containing mercury was performed.

### Used Electronics and Batteries

Used electronics and batteries may contain enough lead, mercury, cadmium, or acid electrolytes to be classified as a universal waste. In such cases, they may not be disposed of as regular construction debris. A visual inspection for the presence of used electronic devices was performed.

### Chlorofluorocarbons

Freon gas includes a number of gaseous, colorless chlorofluorocarbons (CFC's) that are commonly used as refrigerants. Freon is listed as a controlled substance by governments around the world. In the United States, the USEPA regulates the emission of Freon gas into the atmosphere due to its ozone depleting capabilities. Through Title VI, Stratospheric Ozone Protection, of the Clear Air Act Amendments of 1990, the USEPA regulates Freon gas and requires mandatory recycling and a ban on the intentional venting or releasing of refrigerants during maintenance, service and or repair. A visual inspection for the presence of building materials potentially containing Freon was performed.

### 2.0 BUILDING (AREA) DESCRIPTION

The subject building located at 61 Durant Terrace is approximately 13,300 SF, two story structure of brick and metal frame construction. The structure was built in 1875's. The building has a full basement. The mechanical equipment consists of oil fired hot water baseboard system

with copper finned tubing. The mechanical distribution system is insulated. The basement piping is exposed and all risers are exposed on the floors above. The boiler is located in the basement of the structure. The interior walls and ceilings are of sheetrock and joint compound construction. The window frames and sashes are of vinyl construction. The door frames are wood and metal with wood and metal doors. The floors are finished with various resilient flooring finishes. The exterior facades are clad with brick. The roof is pitched and consists of one layer of cement board shingles.

### 3.0 ASBESTOS CONTAINING MATERIALS

### **Inspection**

The asbestos-containing materials inspection included the accessible interior and exterior portions of the building including the roofing systems. Semi-destructive testing techniques are utilized during the inspection process. This included cutting through various layers of flooring and roofing materials to verify and sample individual layers of suspect ACM. Suspect building materials that are inaccessible for inspection and sampling are assumed to be ACM for the purpose of this report. These suspect materials are generally located in operational equipment, behind rigid walls and ceilings, or otherwise concealed areas of the building including below grade materials.

During the inspection, suspect materials are located, sampled, quantified and the friability of the material is determined. Friable materials are those materials that hand pressure can crumble, pulverize or reduce to powder when dry. Estimated quantities of identified ACM's are provided for positive materials only. The materials are quantified in linear or square feet, depending on the nature of the material. Room numbers identified in the Table A and B correspond to room numbers provided on drawings contained in Appendix 1 of the report.

### **Bulk Sampling**

During the sampling process, suspect ACM were separated into three USEPA categories. These categories are: Thermal System Insulation (TSI), Surfacing Materials, and Miscellaneous materials. TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe covering, boiler insulation, duct wrap, and mudpack fitting cement. Surfacing ACM includes all ACM that is sprayed, toweled or otherwise applied to an existing surface. These applications are most commonly used in fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACM not listed as thermal or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tile.

All bulk sampling methods and number of samples collected meets or exceeds the USEPA predemolition requirements.

### **Bulk Sample Analysis**

The samples of the suspect asbestos containing materials were sent to a State of Connecticut Department of Public Health (DPH) approved laboratory for analysis by Polarized Light Microscopy (PLM). PLM is the USEPA accepted method of analysis for identification of asbestos in bulk matrixes. Samples are collected individually or in sets. When sets of samples are collected, each set is systematically analyzed until one sample is determined to contain asbestos. Upon determination that one sample in the set contains asbestos, analysis of the remaining samples in the set is discontinued. If no asbestos is observed during analysis of the set of samples, the suspect material is determined to be negative for asbestos content. A minimum of two (2) samples of suspect materials were collected during the inspection.

### Friable ACM

Certain samples of friable materials shown to contain less than 10% asbestos are analyzed further by the "Point Count Method". This procedure is recommended by the United States Environmental Protection Agency to confirm friable bulk samples shown to have less than 10% asbestos by PLM to be definitively negative or positive for asbestos. This method is accepted as providing statistically reliable results when analyzing bulk samples with very low asbestos concentrations. Friable materials containing "Trace" or "less than one percent (1%)" asbestos must be analyzed by the PLM Point Count Method. No samples required analyses by point-counting during this inspection.

### Non-Friable ACM

Certain samples of non-friable materials shown to contain "less than 1% asbestos", "TRACE" or "NAD" are recommended for analyses by the "NOB TEM ELAP 198.4 Method". This procedure is recommended by the United States Environmental Protection Agency to further evaluate non-friable bulk samples for asbestos. Suspect materials confirmed by NOB TEM to be "less than 1 % asbestos", "TRACE" or "NAD" are considered non-asbestos containing. Two (2) samples were additionally analyzed by TEM NOB method.

Sample locations of the materials sampled during this inspection are identified as Appendix 1. Laboratory results are attached as Appendix 2.

Sample analysis results are reported in percentage of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent asbestos, utilizing PLM, as being asbestos-containing material (ACM). Suspect materials containing greater than one percent (1%) asbestos utilizing the PLM Point Count Method and the NOB TEM method are also considered to be asbestos-containing. Materials determined to contain greater than one percent (1%) asbestos is regulated by the USEPA, the State of Connecticut Department of Public Health and Department of Environmental Protection and the United States Department of Labor. Sample results indicating "no asbestos detected" (NAD) are specified as non-asbestos containing materials. Samples results indicating "Did Not Analyze" (DNA) are not analyzed due to the stop on first positive request to the laboratory.

### Conclusion

During the course of the building inspection ninety-four (94) bulk samples of suspect ACM were collected and eighty-eight (88) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory. Additionally there were two (2) samples analyzed by the NOB TEM Method.

From the ninety-four (94) samples, seven (7) types of ACM were identified. Two (2) additional materials were assumed to be asbestos-containing. A complete inventory of identified and assumed ACM is provided in the Asbestos Containing Materials Summary Table (Table A).

The NOB TEM analyses confirmed the black mastic associated with 9" x 9" floor tile to be asbestos containing materials. The NOB TEM analyses confirmed the dark yellow carpet adhesive to be non-asbestos.

Any suspect material discovered during renovation that is not specifically identified in this report as non-ACM should be assumed to contain asbestos unless sample results prove otherwise.

All regulated friable and regulated non-friable ACM that will potentially be impacted by renovation work must be removed prior to renovation activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform the removal work. At the completion of the abatement work, visual inspections and re-occupancy air monitoring must be performed by a State of Connecticut licensed Asbestos Project Monitor within each abatement area prior to re-occupancy of the work area.

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of any asbestos abatement activities involving the abatement of greater than ten (10) linear feet or twenty-five (25) square feet of asbestoscontaining materials.

TA. JA
ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
61 DURANT TERRACE
MIDDLETOWN, CONNECTICUT

				The second secon				
LOCATION(S)	MATERIAL TYPE	SAMPLE	CLASS	BULK SAMPLE ANALYSIS RESULTS PI M PI M PC   TEM NOB ACT	ANALYSIS RES	ULTS	QUANTIITY	FNF
		11-23-JW-01	25 4 5 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5	ys.				55. 35.
001	Residual aircell pipe insulation	11-23-JW-02	ISI	DNA		YES	< 1 SF	Ľ,
	The state of the s	11-23-JW-03		DNA				
00	Brown brittle caulk at hot water tank	11-23-JW-08	Mrc	2% Chrys.		277.5		1
d d	exhaust	11-23-JW-09	TAILSC	DNA		X II X	AS I	Ž
003, 004, 005, 012, 014,	Grav 9" x 9" floor tile	11-23-JW-29	MICC	7% Chrys.		O'LAX		,
016	מוח ויסטו אין אין אין	11-23-JW-30	TATIO	DNA		Z Z	1202 SF	Ľ,
016,017	Red 9" × 9" floor tile	11-23-JW-74	MrcC	NAD		2 (4.)	F. C. C.	
112 62 12	rea / v mon me	11-23-JW-75	Эспы	5% Chrys.		XES	405 SF	ı. Z
003, 004, 005, 012, 014,	Black mastic associated with 9" $\times$ 9"	11-23-JW-31	JOLUT .	NAD	5.5% Chrys.	0,446 %	10000	
016, 017, 018,	floor tile*	11-23-JW-32	INTER	NAD		XEX	2500 SF	ž
Roof 1, 2, 3, 4, 5	Red cement hoard roof shinoles	11-23-JW-91	MRC	25% Chrys.		3 HA	TO OF IT	-
6. 6. 6. 6.		11-23-JW-92	) CHAI	DNA		SI	/1/0 SF	Ľ, Z,
Roof 1, 2, 3, 4, 5	Black flashing cement	11-23-JW-93	USEV.	12% Chrys.		5,64		,
	TIOTION STRUCTURE WORLD	11-23-JW-94	CHAT	DNA		X II V	1777T	Ż
001	Boiler rib cement	Assumed	MISC	Assumed		Assumed	10 Sections @ 14 LF Ea	ţı
027, 032	Pipe insulation and mudded pipe	Assumed	MISC	Assumed		Assumed	32 LF	Ę
	nung at plumbing walls		01/07/07/07/07/07/07/07/07/07/07/07/07/07/	to or to or the section of the secti			10 Mudded Pipe Fittings	
DNA = DID NOT ANALYZE	INCI	Table and A Too - and		Company of the Company	ANALYT	ANALYTICAL METHODS	ODS	
NAD=NO ASBESTOS DETECTED	Q	LF = LINEAR FEET		FEM FC=EFA 600/K-55/115 QUANTITATION 400 FOINT COUNT TEM NOB = NEW YORK ELAP 198 4 METHOD	QUANTITATION 400 LAP 198 4 METHOD	POINT COUR	Ë	
F = FRIABLE NF = NON-FRIABLE	BLE	Chrys = Chrysotile		PLM=EPA 600/R-93/116				
TSI = THERMAL SYSTEMS INSULATION	ULATION	Amos = Amosite		PS=Previously Sampled				
SURF = SURFACING MATERIAL	7	Anth = Anthophylite						
MISC = MISCELLANEOUS MATERIAL	TERIAL	Trem =Tremolite						
27 - 27 - 17 - 17 - 17 - 17 - 17 - 17 -		Croc=Crocidolite						
12 X 12 White and grey noor to	12 X 12. White and grey most the associated with black master in Koom 018 needs to be disposed of as contaminated waste.	eds to be disposed of as co	ntaminated w	aste.				
	BOL	D TEXT IN "LOCATION	N. COLUMN	BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION	<b>VIION</b>			

# TA. B NON - ASBESTOS CONTAINING MATERIALS SUMMARY TABLE 61 DURANT TERRACE MIDDLETOWN, CONNECTICUT

FOCATIONS	MATERIAL TYBE	SAMPLE	( ) ( )	BULKSAMPLE	ANALYSIS RESILLES	
		NUMBER	CLASS	PLM PLM PC	TEM NOB AC	ACM
001	White rope gasket at breech flange	11-23-JW-04	MISC	NAD		ļ
		11-23-JW-05	Terra	NAD		2
001	Grey mortar on steel breeching and at old	11-23-JW-06	Mec	NAD		9
	ash clean out	11-23-JW-07	Эспаг	NAD		 
		11-23-JW-10		NAD		
001	Residual white debris under boiler	11-23-JW-11	ISI	NAD		NO NO
		11-23-JW-12		NAD		
001	White boiler base concrete pad	11-23-JW-13	MISC	NAD		5
		11-23-JW-14	COTAT	NAD		2
001,002	White window glazing compound at window	11-23-JW-15	MSC	NAD		2
	in doors	11-23-JW-16	JATIO .	NAD		 
001,021	Sheetrock	11-23-JW-17	MISC	QW		9
		11-23-JW-18	Эспи	NAD		
		11-23-JW-19		NAD		
001, 021, 033	Joint compound	11-23-JW-20	SURF	NAD	Z	NO
		11-23-JW-21		NAD		•
001, 021	Sheetrock/Joint compound composite	11-23-JW-22	MISC	NAD		٤
		11-23-JW-23	CHAI	NAD		2
		11-23-JW-24		NAD		
003, 007, 019	Textured wall paint on concrete	11-23-JW-25	SURF	NAD	Z	9N
		11-23-JW-26		NAD		
003, 023	Dark vellow carnet adhesive	11-23-JW-27	COLV	NAD	7	,
		11-23-JW-28	CHAT	NAD	NAD	2
		11-23-JW-33		NAD		
		11-23-JW-34		NAD		
003, 021	Skim coat on metal wall panels	11-23-JW-35	SURF	NAD	2	NO
		11-23-JW-36		NAD		
	THE PARTY OF THE P	11-23-JW-37		NAD		
	KGY			ANALYTICAL METHODS	THODS	200 mg (200 mg)
DNA = DID NOT ANALYZE NAD=NO ASBESTOS DETECTED		SF = SQUARE FEET		PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT	NTITATION 400 POINT COU	INT
F = FRIABLE NF = NON-FRIABLE	2	Chan a Channella		IEM NOB = NEW YORK ELAP 198,4 METHOD	198.4 METHOD	
TSI = THERMAL SYSTEMS INSULATION		Amos = Amosite		FLM=EFA 600/R-95/116 PS=Previously Sampled		
SURF = SURFACING MATERIAL		Anth = Anthophylite				
MISC = MISCELLANEOUS MATERIAL		Trem =Tremolite				
		Croc=Crocidolite				
	BOLD TEXT IN "LOCATI	EXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION	TES SAMPLE LOCA	NOIL		

# TAL B NON - ASBESTOS CONTAINING MATERIALS SUMMARY TABLE 61 DURANT TERRACE MIDDLETOWN, CONNECTICUT

STROUT TOO I		SAMPLE		RIII K SAWPI E	BIII K SAMPI F ANAI VSIS BESIII TS
ESCATION(S)	MAIEMALITE	NUMBER	CLASS	DEM PEMPC	TEM NOB ACM
		11-23-JW-38			
		11-23-JW-39		NAD	
003, 017, 027, 030, 036	Skim coat plaster	11-23-JW-40	SURF	NAD	ON
		11-23-JW-41		NAD	
		11-23-JW-42		NAD	
		11-23-JW-43		NAD	
		11-23-JW-44		NAD	
003, 017, 027, 030, 036	Rough coat plaster	11-23-JW-45	SURF	NAD	ON
		11-23-JW-46		NAD	
	THE PROPERTY OF THE PROPERTY O	11-23-JW-47		NAD	
900	Brown vinyl cove hase	11-23-JW-48	MISC	NAD	Cir
		11-23-JW-49	COTA	NAD	
006.014	Tan vinyl cove hase adhesive	11-23-JW-50	MISC	NAD	Cir
	A1921ma 2000 2000 15m3 10m3	11-23-JW-51	Эспуг	NAD	OZ,
006.007	Dark brown camet adhesive	11-23-JW-52	MISC	NAD	C) A
	Alform od mo there are	11-23-JW-53	TATTO	NAD	
006.018	2' x 4' dented ceiling tiles	11-23-JW-54	MISC	NAD	Cir
	com Sumo nomon . v z	11-23-JW-55	MISC	NAD	
007.011	Brown 12" x 12" floor file	11-23-JW-56	MISC	NAD	
		11-23-JW-57	COTA	NAD	
007.011	Brown 12" x 12" floor file mastic	11-23-JW-58	MSC	NAD	O.A.
		11-23-JW-59	John	NAD	
200	Soft light-weight floor concrete	11-23-JW-60	MISC	NAD	Q14
		11-23-JW-61	COTAT	NAD	ON THE RESERVE OF THE PERSON O
010	Grav ceramic wall tile adhesive	11-23-JW-62	MISC	NAD	O.Z
		11-23-JW-63	COTTA	NAD	ONI I
The state of the s	KEY			ANALYTICAL METHODS	HODS
NA N-NO A CRESTOS NETECTED		SF = SQUARE FEET		PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT	TITATION 400 POINT COUNT
NALENO ASSESTOS DELECTED  F. H. FRIARIT. NE - NON COLADITO		LF = LINEAR FEET		TEM NOB = NEW YORK ELAP 198.4 METHOD	8.4 METHOD
TSI = THERMAL SYSTEMS INSULATION	N	Chrys = Chrysotile		PLM=EPA 600/R-93/116	
SURF = SURFACING MATERIAL		Auth = Anthonhylite		TOTTONIA Samples	oranico.
MISC = MISCELLANEOUS MATERIAL		Trem =Tremolite			
		Croc=Crocidolite			
	BOLD TEXT IN "LOCAT	BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION	ES SAMPLE LOCA	MOL	
	**************************************				

# TA. B NON - ASBESTOS CONTAINING MATERIALS SUMMARY TABLE 61 DURANT TERRACE MIDDLETOWN, CONNECTICUT

		MINDLE LOWN, CONNECTICUL	cor			
LOCATION(S)	MATERIAL TYPE	SAMPLE	SS V ES	BULK SAMPLE	BULK SAMPLE ANALYSIS RESULTS	3557 5555 5555
		NUMBER	CEMBO	DA WILD WILD WILD WILD WILL WILL WILL WILL	TEM NOB ACM	1
010	Ceramic tile grout	11-23-JW-64	MISC	QVN		
Pi-		11-23-JW-65	COTAT	NAD	OZ.	
011	1' x 1' pinhole ceiling tile	11-23-JW-66	VISC	NAD		
		11-23-JW-67	Som:	NAD		
011,021	Brown glue daubs associated with 1' x 1'	11-23-JW-68	MISC	NAD		
	acoustical ceiling tile	11-23-JW-69	CALAN	QYN	OZ.	
014	Grav vinvl cove base	11-23-JW-70	JOIN	QYN		Τ
		11-23-JW-71	Эспи	QYN	OZ.	
014	White sink undercoating	11-23-JW-72	MSC	NAD		
		11-23-JW-73	CONT	NAD	ON.	
018	White and gray 12" x 12" floor tile*	11-23-JW-76	MISC	NAD		
		11-23-JW-77	COTA	QYN	OZ.	
017	Yellow adhesive behind blackhoard	11-23-JW-78	MICC	UAD		
		11-23-JW-79	CHAI	NAD	OZ.	
017	Gray tack board	11-23-JW-80	MISC	NAD	C.L.A.	
		11-23-JW-81	2 Carrie	NAD	ON.	
021	Green flooring product	11-23-JW-82	MISC	QYN		Π
		11-23-JW-83	Compa	NAD		
021, 023	Gray vapor barrier under green flooring	11-23-JW-84	MISC	NAD		I .
		11-23-JW-85	TATIO	NAD	OZ.	
Façade A, B	White silicone replacement caulk	11-23-JW-86	MSC	NAD		T
	4	11-23-JW-87	OCTAT:	NAD	ON	
\$ \$ \$		11-23-JW-88		NAD	777,000	Τ
raçade A, B, D	White stucco on concrete block	11-23-JW-89	MISC	NAD	ON	
	The state of the s	11-23-JW-90		NAD		
DNA - DID NOT ANAT WITH	KEY			ANALYTICAL METHODS	HODS	
NAD-NO ASPESTOS PETES		SF == SQUARE FEET		PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT	TITATION 400 POINT COUNT	Π
F=FRIABLE NF=NON-FRIABLE		LF = LINEAR FEET		TEM NOB = NEW YORK ELAP 198,4 METHOD	8.4 METEOD	
TSI = THERMAL SYSTEMS INSITIATION		Carys = Carysotile		PLM=EPA 600/R-93/116		
SURF = SURFACING MATERIAL.		Amos = Amosite		PS=Previously Sampled		
MISC = MISCELLANEOUS MATERIAL		Anta = Antaophynte Trem =Tremolife				
* Needs to be disposed of as contaminated waste as the associated mastic is ACM		Croc=Crocidolite				
	딛	EXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION	ES SAMPLE LOCAT	NOI		Τ
						7

### 4.0 LEAD-BASED PAINT

### X-Ray Fluorescence Screen

The lead-based paint screen was performed utilizing an X-Ray Fluorescence (XRF) Radiation Monitoring Device (RMD) Lead Paint Analyzer (LPA 1), serial number 1509 within the limits of the inspection area(s). The screen includes only accessible areas within the inspection area(s) and accessible building materials.

### **Inspection**

The lead-based paint screen is performed to determine if detectable levels of lead are present in surface coatings on building materials. Surface coatings including but no limited to paint, varnish and shellac containing detectable levels of lead (>0.0 mg/cm²), and will be disturbed by renovation activities, require the contractor to perform an initial exposure assessment to evaluate lead exposure to their employees.

Prior to any testing, the XRF was calibrated against the manufacturer's test block and the National Institute of Science and Technology (NIST) 1.02 mg/cm<sup>2</sup> Standard Reference Material. Testing was initiated upon successful calibration checks against the referenced standards.

The lead-based paint screen includes testing limited components and or surfaces throughout the structure. It is not the intent to test all painted components, but to identify on a broad scale the impact of lead paint as it relates to the disposal of lead paint contaminated debris and potential worker exposure issues. Generally, wall and ceiling surfaces, painted floors, window systems and door systems are tested. Other components such as baseboards, cabinets, columns, trim, etc. are tested on a limited basis. Component and surface locations are identified by side designations represented by the letters "A", "B", "C", and "D". The "A" side is considered the front of the building with the "B", "C", and "D" side following in a clockwise order.

The data is presented on computer generated Lead Inspection Reports contained in Appendix 3. The Summary Report provides an inventory of each surface coating that contains lead at or above 1.0 mg/cm<sup>2</sup>. The Detailed Report is an inventory of each tested surface on a room-by-room basis.

For the purpose of this report, the XRF results are separated into two (2) categories; high levels of lead (>1.0 mg/cm²) and low levels of lead (<1.0 mg/cm²). Building materials containing high levels of lead have a greater probability of creating worker exposures during construction than do building materials with low levels of lead. Additionally, lead waste characterization sampling is required for building materials containing high levels of lead (>1.0 mg/cm²) and will become a waste product as a result of demolition or renovation activities.

### Discussion

### Worker Protection

The U.S. Department of Labor Occupation Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule. Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint (>0.0 mg/cm² by XRF or >0.01 % by AAS) requires task specific exposure monitoring.

This "initial exposure assessment" must be conducted by trained workers utilizing appropriate personal protective equipment. Exposure assessments must be conducted for each task where painted surfaces or components are disturbed.

Examples of task subject to initial monitoring when detectable levels of lead are identified include but are not limited too surface preparation for repainting, manual demolition of components with detectable levels of lead paint and the welding, cutting or grinding of steel with detectable levels of lead in paint. Refer to the OSHA Lead in Construction Regulation, 29 CFR 1926.62 for expected exposures for each task.

### Lead Waste Characterization

The State of Connecticut Department of Environmental Protection regulates the disposal of hazardous waste. The required analytical test to determine a materials waste classification is the Toxicity Characteristic Leachate Procedure, or TCLP (Regulation of State DEP 22a-449© - 101 (a) (1), incorporating 40 CFR 262.24).

The TCLP test subjects a 100-gram sample of waste material to a simulated landfill leaching condition, and assesses the ability of the sample to leach out lead into the environment. The waste is classified as hazardous lead waste if the TCLP sample result is greater than 5.0 mg/l of lead. The waste is classified as non-hazardous solid waste if the TCLP sample result is less than 5.0 mg/l of lead. Building debris containing equal to or greater than 1.0 mg/cm<sup>2</sup> of lead by XRF requires waste classification analysis.

There are two (2) primary approaches for TCLP sampling. Both methods utilize the data generated during the lead screen to determine which building materials contain lead in paint coatings and what percentage of the waste stream will consist of the leaded materials. The two (2) basic approaches are described below.

### Screen, Sample, and Segregate Method

The Screen, Sample, and Segregate method of TCLP sampling is conducted in accordance with the State of Connecticut Department of Environmental Protection <u>Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries</u>. This method entails screening the building components scheduled to be removed with an XRF lead paint analyzer. Components that are determined to be lead containing are sampled and analyzed by TCLP based on their contribution into the waste stream. The waste stream is made up of those building components that will be removed from the structure as part of the renovation or demolition process. It is very important to accurately identify the waste stream in order for the TCLP sample to be truly representative.

The TCLP sample consists of the building materials that contain lead. The building materials are carefully removed at the site using coring devices or by saw cutting. The building materials are then placed directly into polyethylene zip lock bags for transmission to the laboratory.

### Composite Sample and Demolish Method

The Composite Sample and Demolish Method of TCLP sampling is conducted in accordance with the State of Connecticut Department of Environmental Protection <u>Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries</u>. This method utilizes composite samples to assess the lead content of the entire quantity of debris to be removed.

This sampling method is best utilized for whole building demolitions where the quantity of non-lead debris is expected to be much greater than that of the leaded debris. The first step in the sampling process requires the inspector to identify the potential waste stream of the structure to be demolished.

The waste stream is made up of those building components that will be disposed of once the structure is demolished. The inspector calculates the mass by weight of each group of building components within the building (i.e. studs, framing, sheathing, siding, doors, windows, etc.). The lead testing results enables the inspector to determine the percentages of components, within each group, that contain lead. With this information, the inspector can than calculate the percent by weight contribution of each components contribution into the waste stream. This takes into account the ratio of leaded components verse non-leaded components within each group.

The actual sampling is performed by collecting samples of each building component. The components are then mixed together in proportion to their percent by weight of the total quantity of debris to be removed.

### Results

### XRF Testing Results

A total of two hundred-ninety two (292) XRF readings were collected during the lead-based paint screen of the building. The lead-based paint screen identified a limited quantity of components or surfaces that contain high levels of lead in paint coatings. The summary report associated with the test results identifies the building components that were found to contain high levels of lead in paint. The remaining components and surfaces that were tested contain no lead or low levels of lead in paint coatings.

A complete inventory of tested building materials is presented in Detailed Reports contained Appendix 3.

### Lead Waste Characterization Results

Due to the limited quantity of materials containing lead based paint; TCLP sampling was not required for this project.

### **Conclusion**

### Worker Protection

Initial exposure assessments must be performed on employees performing tasks that disturb building materials, which contain detectable levels of lead in paint such as manual demolition, salvage and other paint disturbing tasks. The employer shall assume that employee exposures are above the Permissible Exposure Limit (PEL) of 50 ug/m³ but not in excess of ten (10) times the PEL for manual demolition, manual scraping, manual sanding, heat gun applications, power tool cleaning with dust collection systems and spray painting with lead paint. Until the employer provides an employee exposure assessment, the employer shall provide the employee with appropriate respiratory protection, appropriate personal protective clothing and equipment, change areas, hand washing stations, biological monitoring and training.

### Waste Characterization

As we did not know the extent of renovation that will be undertaken and thereby the waste stream, we did not collect any TCLP sample for waste characterization. Metal components with lead paint are not included in the waste stream and may be recycled at an approved recycling facility.

### 5.0 UNIVERSAL WASTE

Universal Waste products include a group of materials (PCB or DEHP containing items, Mercury containing items, Chlorofluorocarbons, Radon and Oil Storage Tanks) that are sometimes found in building materials or are a component of a building fixture that is subject to universal waste regulations. Universal wastes include fluorescent lamps, thermostats, mercury switches, manometers, natural gas meters, used electronics and batteries. There are other Universal Waste products such as pesticides that are not building materials and are not included in the scope of this inspection. Universal Waste products are subject to USEPA and state regulations. These regulations promote collection and recycling of these materials by easing regulatory burden. In addition, the regulations also ensure that the wastes subject to this system will go to appropriate treatment or recycling facilities pursuant to the full hazardous waste regulatory controls.

### **PCB or DEHP Containing Items**

Oil-filled or running capacitors are predominately, but not exclusively, found in air conditioners, fluorescent light ballasts, dehumidifiers, microwave ovens, submersible pumps, mercury vapor lamps, copy machines and electrical control panels. Oil capacitors are less commonly found in refrigerators, washing machines, dryers and fans. These capacitors are designed to stay in a motor circuit for the entire cycle of operation. The oil helps to dissipate the heat in the capacitor during operation and maximizes the running efficiency of a motor. Running capacitors are identified by rectangular or oval metal casing. An oil-filled capacitor manufactured after 1979 may have "NO PCB's" stamped on its casing. These are filled with oil which does not contain PCB's but may contain DEHP. Capacitors with date stamps prior to 1979 or no date stamps are assumed to contain PCB's.

Starting or electrolytic capacitors are used to assist a single phase electric motor in starting. These components are used for short periods of time during operation of the motor. Consequently, starting capacitors are most easily identified by black plastic casing or outer shell. If the capacitor is dry, the casing is not hermetically sealed or totally enclosed, but generally contains a porous plug at one end.

Note: We did not find any caulk/glazing compound on the windows and doors to be sampled for PCB. All the windows were vinyl replacement windows.

### **Mercury Containing Items**

During the inspection process all fluorescent, metal halide and sodium lamps are assumed to contain mercury vapors unless the end caps of the tubes are green indicating they are Mercury free. Thermostatic controls, switches, manometers and other used electronic components also are disassembled and inspected for the presence of mercury bulbs. Electronic or pneumatic thermostats generally do not contain mercury bulbs. Eagle Environmental, Inc. performed a visual inspection within the building for mercury vapor lighting and thermostatic controls with mercury bulbs.

### Results

The total quantity and location of each material type identified during the inspection is provided in Table C.

### Conclusion

All Universal Waste Products must be removed for proper recycling prior to renovation/demolition.

### **Used Electronics and Batteries**

Eagle Environmental, Inc. performed a visual inspection within the building for used electronics and batteries.

### Chlorofluorocarbons

### **Inspection**

Eagle Environmental inspected the building for compressor tanks associated with the indoor environmental cooling system and walk-in coolers or freezers. The inspectors also inspected rooftop HVAC units where present. These tanks are all assumed to be Freon containing tanks.

### Results

A total of eleven (11) air-conditioning units were identified during the inspection. These units need to be purged of remaining CFCs before dismantling.

### Conclusion

All refrigerant containing compressor tanks must have the refrigerants reclaimed prior to disposing of the tanks. Manifest for the reclamation of the refrigerants must be retained by the building owner.

TA. CUNIVERSAL WASTE PRODUCTS
SUMMARY TABLE
61 DURANT TERRACE
MIDDLETOWN, CONNECTICUT

16 16 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
18       16       16       8       8       192       4       32
16       16       8       192       4       32
16       8       192       4       32
8 192 4 32
192   4   4   32   32
32
32
8
32
96
128
16
8
144
(1) A.C.
(1) A.C.
2
16
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32
8

TA C
UNIVERSAL WASTE PRODUCTS
SUMMARY TABLE
61 DURANT TERRACE
MIDDLETOWN, CONNECTICUT

1

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BAI	PCB											
FIXTIBE											FIXTURE TYPE	DISCRIPTION
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### 6.0 OTHER ENVIRONMENTAL CONCERNS

### **Storage Tanks**

### Inspection

Eagle Environmental, Inc. performed a visual inspection for the presence of storage tanks at the site. This included inspecting the interior, primarily the basement, for above ground storage tanks (AST). The exterior of the site is also inspected for the presence of vent or fill pipes associated with underground storage tanks (UST). The inspection is limited to only those visible components that may be associated with a storage tank. UST's that have been previously abandoned with the fill and vent pipes removed cannot be identified based on this level of inspection.

### Results

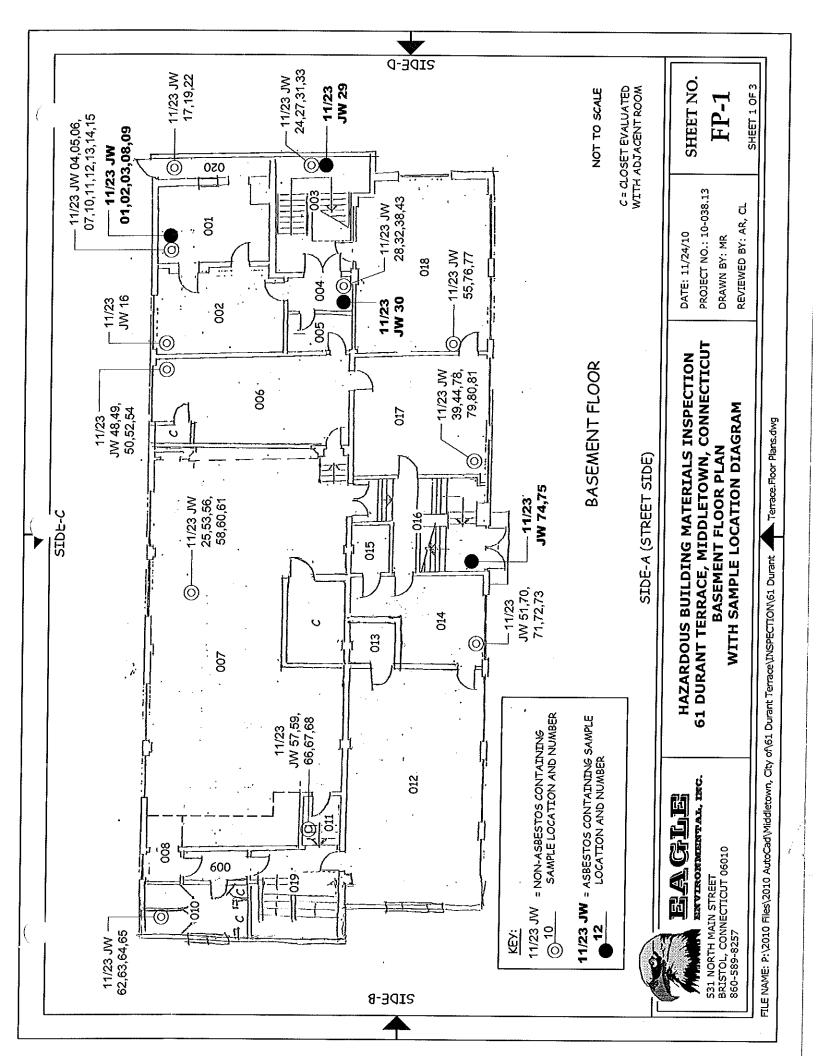
One (1) underground storage tank (UST) was identified at the site. The tank is located in Façade C and D

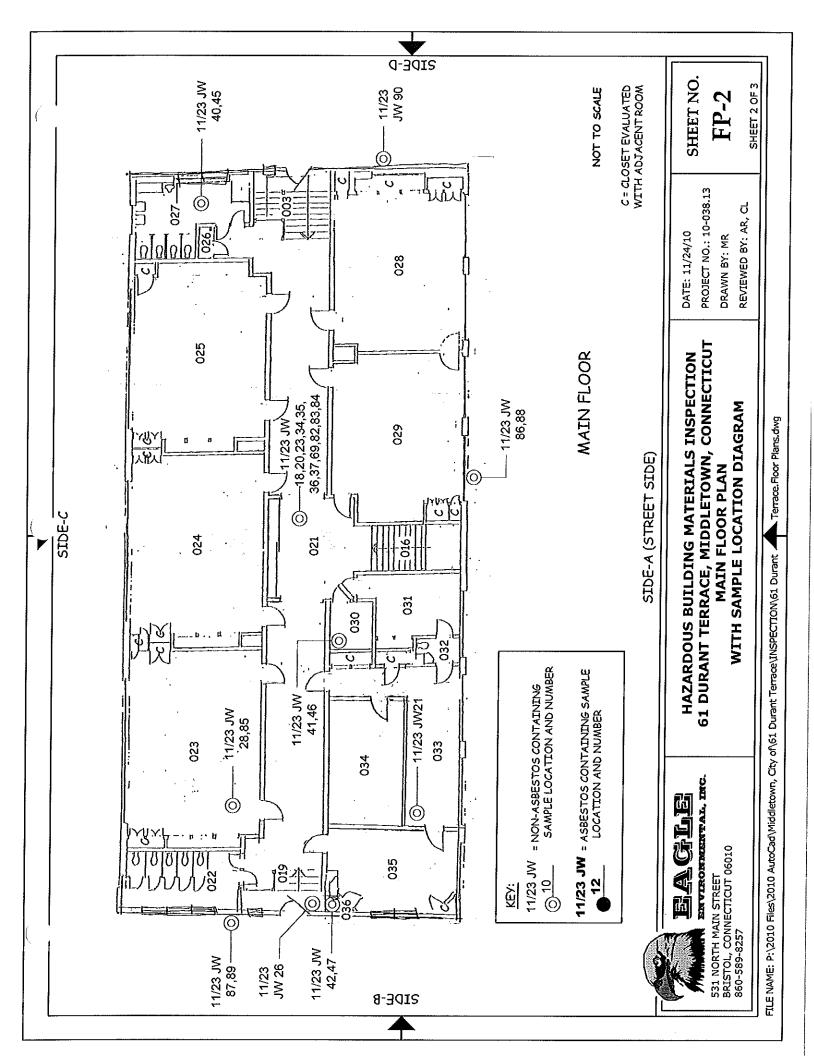
### Conclusion

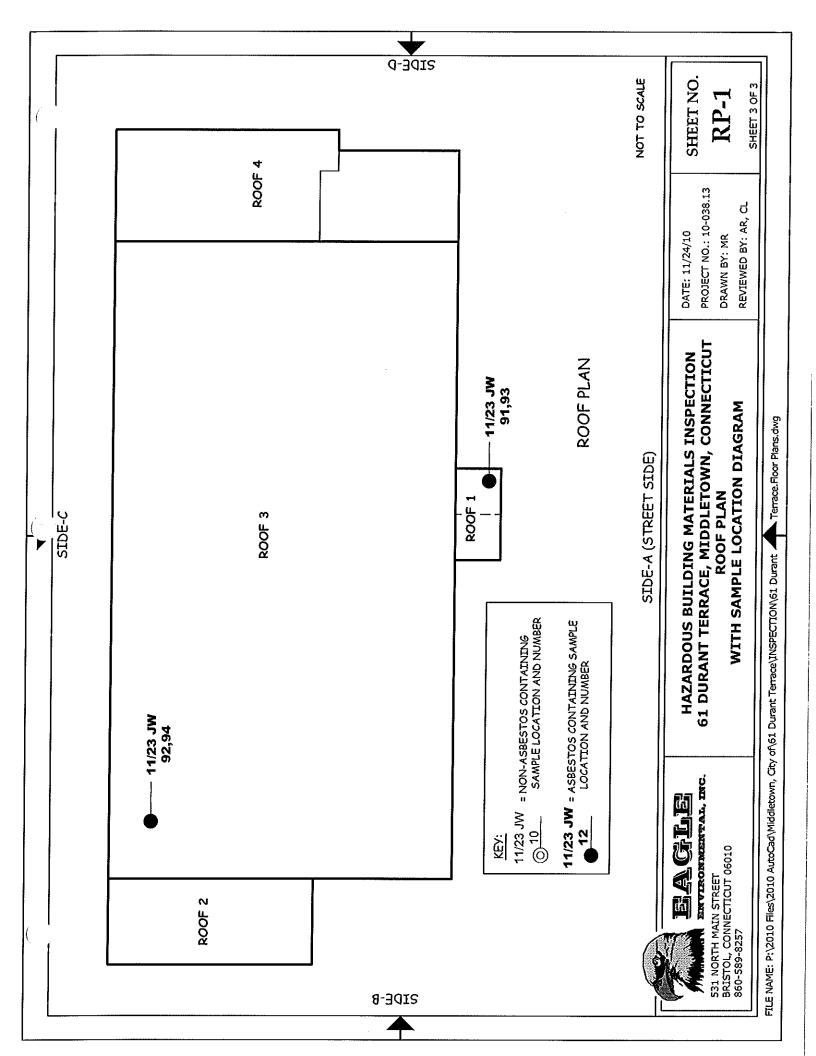
The UST must be removed, pumped free of any remaining product, cleaned and recycled. The potential exists for soil contamination around the tank grave of the UST if it has been leaking. Through this limited survey, it cannot be determined if the tank has leaked or if soil contamination is present in the tank grave.

### 7.0 COST ESTIMATES

This is a budgetary opinion of cost that is expected to be within -15 to + 30 percent of the actual cost. Eagle Environmental, Inc. has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions. Eagle Environmental, Inc.'s opinion of probable cost of abatement are made on the basis of Eagle Environmental, Inc.'s experience and qualifications and represent Eagle Environmental, Inc.'s judgment as an experienced and qualified consultant familiar with the abatement industry; but Eagle Environmental, Inc. cannot and does not guarantee that proposals, bids or actual Total Project or Abatement Cost will not vary from opinions of probable cost prepared by Eagle Environmental, Inc. If prior to the bidding or negotiating phase the Owner wishes greater assurance as to Total Project or Abatement Cost the Owner shall employ an independent cost estimator.









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Your Name:	Brandy LeBlanc	Project N	Manager: Ashis F	oychowdhury
Company:	Eagle Environmental, In	С.	-	
Street:	531 North Main Street			
City/State/Zip:	Bristol, CT 06010			
Phone:	Eagle Environmental, Inc.    Sail North Main Street			
Project Name	PreReno HBMI	Project		
Project Location:	61 Durant Terrace, Midd			ст
□ 3 Hours □ 6 Hou	rs 🗆 24 Hours		S Days	☐ 6-10 Days
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□ Air Bulk	☐ Soil	☐ Wipe ☐ Micro-Vac ☐ Drinking	Water     Wastewater	□ Chips □ Other
ASBESTOS ANALY	SIS	LEAD ANALYSIS	MICRO	BIAL ANALYSIS
OSHA W/TWA  TEM AIR  AHERA 40 CFR, Part 763 S  NIOSH 7402 Issue 2  EPA Level II  PLM - Bulk  EPA 600/R-93/116  NY Stratified Point Count  Catifornia Air Resource Boa  NIOSH 9002  PLM NOB (Gravimetric) NYS  EPA Point Count (400 Point)  EPA Point Count (1,000 Point)  Standard Addition Point Cou  SOILS  EPA Protocol Qualitative  EPA Protocol Qualitative  EPA Protocol Qualitative  ENST MSD 9000 Method fib  Superfund EPA 540-R097-03  TEM BULK  Drop Mount (Qualitative)  Chatfield SOP-1988 02  TEM NOB (Gravimetric) NY	rd (CARB) 435 S 198.1 s) nts) int ers/gram 28 (dust generation)	Wipe, SW846-7420   ASTM   non ASTM   Soil, SW846-7420   Air, NIOSH 7082   Chips, SW846-7420 or AOAC 5.009 (974.02   Wastewater, SW 846-7420   TCLP LEAD SW846-1311/7420   Graphite Furnace Atomic Absorption   Air, NIOSH 7105   Wastewater, SW846-7421   Soil, SW846-7421   Drinking Water, EPA 239.2   ICP - Inductively Coupled Plasma   Wipe, SW846-6010   ASTM   non ASTM   Soil, SW846-6010   ASTM   non ASTM   Soil, SW846-6010   Air, NIOSH 7300   MATERIALS ANALYSIS   Full Particle Identification   Optical Particle Identification   Dust Mites and Insect Fragments   Particle Size & Distribution   Product Comparison	Air Sam   Mold &   Mold &     Bacter   Bacter     Total C   Esche   Legion     Giardia   Wipe and &     Mold &	Fungi by Air O Cell Fungi by Agar Plate count & id al Count and Gram Stain al Count and Identification mples oliforms, Fecal Coliforms chia Coti, Fecal Streptococcus ella ella and Cryptosporidium Bulk Samples Fungi – Direct Examination Fungi – (Culture follow up to ect examination if necessary) Fungi – Culture (Count & ID) Fungi – Culture (Count only) al Count & Gram Stain al Count & Identification prominent types)
TEM MICROVAC  ☐ ASTM D 5755-95 (Quantitative TEM WIPE) ☐ ASTM D 6480-99 ☐ Quantitative ☐  IEM WATER ☐ EPA 100.1 ☐ EPA 100.2 ☐ NYS 198.2 ☐ Other.	Bristol, C7 06010   Bristol, C7 06010   Be0-598-257 ext. 203   Fax: 860-585-7034   Email:   bulasa@eagleenviro.com, ghowell@eagleenviro.com   bleblanc@eagleenviro.com, ghowell@eagleenviro.com   bleblanc@eagleenviro.com   bleblanc@eagleenviro.com, ghowell@eagleenviro.com   bleblanc@eagleenviro.com, ghowell@eagleenviro.com   bleblanc@eagleenviro.com   bleblanc@eaglee			
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SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME Air	(L) Area (Inches sq.)
11-23-JW-01	Residual aircell pipe insulation	Room 001		
11-23-JW-02	Residual aircell pipe insulation	Room 001		
11-23-JW-03	Residual airceil pipe insulation	Room 001		
11-23-JW-04	White rope gasket @ breech flange	Room 001		
11-23-JW-05	White rope gasket @ breech flange	Room 001		
11-23-JW-06	Grey mortar on steel breeching	Room 001		
11-23-JW-07	Grey mortar @ old ash clean out	Room 001		
11-23-JW-08	Brn brittle caulk @ hot H20 tank exhaust	Room 001		
11-23-JW-09	Brn brittle caulk @ hot H20 tank exhaust	Room 001		
11-23-JW-10	Residual white debris under boiler	Room 001		
11-23-JW-11	Residual white debris under boiler	Room 001		
11-23-JW-12	Residual white debris under boiler	Room 001		
11-23-JW-13	White boiler base concrete pad	Room 001		
11-23-JW-14	White boiler base concrete pad	Room 001		
11-23-JW-15	White win. glaz. cmpd. @ window in doors	Room 001		
11-23-JW-16	White win, glaz, cmpd. @ window in doors	Room 002		
11-23-JW-17	Sheetrock	Room 020		
11-23-JW-18	Sheetrock	Room 021		
11-23-JW-19	Joint compound	Room 020		
11-23-JW-20	Joint compound	Room 021		
11-23-JW-21	Joint compound	Room 033	19:10	123 2329
11-23-JW-22	Sheetrock - joint compound composite	Room 020	7th	
11-23-JW-23	Sheetrock - joint compound composite	Room 021		
11-23-JW-24	Textured wall paint on concrete	Room 003		
11-23-JW-25	Textured wall paint on concrete	Room 007		
11-23-JW-26	Textured wall paint on concrete	Room 019		

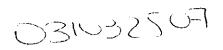


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SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME	Air (L)	Area (inches
11-23-JW-27	Dark yellow carpet adhesive	Room 003			
11-23-JW-28	Dark yellow carpet adhesive	Room 023			
11-23-JW-29	Gray 9"x9" floor tile	Room 003			
11-23-JW-30	Gray 9"x9" floor tile	Room 004			
11-23-JW-31	Black mastic associated with 9"x9" tile	Room 003			
11-23-JW-32	Black mastic associated with 9"x9" tile	Room 004			
11-23-JW-33	Skim coat on metal wall panels	Room 003			
11-23-JW-34	Skim coat on metal wall panels	Room 021			
11-23-JW-35	Skim coat on metal wall panels	Room 021			
11-23-JW-36	Skim coat on metal wall panels	Room 021			
11-23-JW-37	Skim coat on metal wall panels	Room 021			
11-23-JW-38	Skim coat plaster	Room 004			
11-23-JW-39	Skim coat plaster	Room 017			
11-23-JW-40	Skim coat plaster	Room 027			
11-23-JW-41	Skim coat plaster	Room 030			
11-23-JW-42	Skim coat plaster	Room 036			
11-23-JW-43	Rough coat plaster	Room 004			
11-23-JW-44	Rough coat plaster	Room 017			
11-23-JW-45	Rough coat plaster	Room 027			
11-23-JW-46	Rough coat plaster	Room 030			
11-23-JW-47	Rough coat plaster	Room 036			310129
11-23-JW-48	Brown vinyl cove base	Room 006		MO	,
11-23-JW-49	Brown vinyl cove base	Room 006			
11-23-JW-50	Tan vinyl cove base adhesive	Room 006			
11-23-JW-51	Tan vinyl cove base adhesive	Room 014			





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SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME	Air (L)	Area (Inches sq.
11-23-JW-52	Dark brown carpet adhesive	Room 006			
11-23-JW-53	Dark brown carpet adhesive	Room 007			
11-23-JW-54	2'x4' dented celling tiles	Room 006			
11-23-JW-55	2'x4' dented ceiling tiles	Room 018			
11-23-JW-56	Brown 12"x12" floor tile	Room 007			
\\ 11-23-JW-57	Brown 12"x12" floor tile	Room 011			
11-23-JW-58	Brown 12"x12" floor tile mastic	Room 007			
11-23-JW-59	Brown 12"x12" floor tile mastic	Room 011			
11-23-JW-60	Soft light-weight floor concrete	Room 007			
\	Soft light-weight floor concrete	Room 007			
11-23-JW-62	Gray ceramic wall tile adhesive	Room 010			
11-23-JW-63	Gray ceramic wall tile adhesive	Room 010			
11-23-JW-64	Ceramic tile grout	Room 010			
11-23-JW-65	Ceramic tile grout	Room 010			
11-23-JW-66	1'x1' pinhole ceiling tile	Room 011			
11-23-JW-67	1'x1' pinhole ceiling tile	Room 011			
/ 11-23-JW-68	Brown glue daubs assoc. with 1'x1' tile	Room 011			
11-23-JW-68 11-23-JW-69	Brown glue daubs assoc. with 1'x1' tile	Room 021			
11-23-JW-70	Gray vinyl cove base	Room 014			
11-23-JW-71	Gray vinyl cove base	Room 014			
11-23-JW-72	White sink undercoating	Room 014		30 J G XO	26 10:28
\	White sink undercoating	Room 014		M	P
11-23-JW-74	Red 9"x9" floor tile	Room 016			
11-23-JW-75	Red 9"x9" floor tile	Room 016			



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SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME	Air (L)	Area (Inches sq.
11-23-JW-76	White and gray 12"x12" floor tile	Room 018			
11-23-JW-77	White and gray 12"x12" floor tile	Room 018			
11-23-JW-78	Yellow adhesive behind blackboard	Room 017			
11-23-JW-79	Yellow adhesive behind blackboard	Room 017			
11-23-JW-80	Gray tackboard	Room 017			
11-23-JW-81	Gray tackboard	Room 017			
11-23-JW-82	Green flooring product	Room 021			
11-23-JW-83	Green flooring product	Room 021			
11-23-JW-84	Gray vapor barrier under green flooring	Room 021			
11-23-JW-85	Gray vapor barrier under hardwood floor	Room 023	,		
11-23-JW-86	White silicone replacement caulk	A-Facade			
11-23-JW-87	White silicone replacement caulk	B·Facade			
11-23-JW-88	White stucco on concrete block	A-Facade			
11-23-JW-89	White stucco on concrete block	B·Facade			
11-23-JW-90	White stucco on concrete block	D-Facade			
11-23-JW-91	Red cement board roof shingles	Roof 1			
11-23-JW-92	Red cement board roof shingles	Roof 3			
11-23-JW-93	Black flashing cement	Roof 1			
11-23-JW-94	Black flashing cement	Roof 3			
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Page 5



307 West 38th Street, New York, NY 10018

Fax: (212) 290-0058 Email: manhattanfab@emsl.com

Attn: Brandy LeBlanc

Eagle Environmental, Inc. (CT)

531 North Main St. Bristol, CT 06010

Customer ID:

EEVM50

**Customer PO:** Received:

11/26/10 10:28 AM

EMSL Order:

031032507

Fax:

Project:

(860) 585-7034

Phone: (860) 589-8257

10-038.13/ PRE RENO HBMI/ 61 DURANT TERRACE/

EMSL Proj:

MIDDLETOWN, CT

Analysis Date:

11/29/2010

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asbe	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-01 031032507-0001	RESIDUAL AIRCELL PIPE INSULATION/ ROOM 001	White Fibrous Heterogeneous	20%	Cellulose	15% Non-fibrous (other)	65% Chrysotile
11-23-JW-02 031032507-0002	RESIDUAL AIRCELL PIPE INSULATION/ ROOM 001					Stop Positive (Not Analyzed)
11-23-JW-03 031032507-0003	RESIDUAL AIRCELL PIPE INSULATION/ ROOM 001					Stop Positive (Not Analyzed)
11-23-JW-04 031032507-0004	WHITE ROPE GASKET @ BREECH FLANGE/ ROOM 001	White Fibrous Heterogeneous	85%	Glass	15% Non-fibrous (other)	None Detected
11-23-JW-05 031032507-0005	WHITE ROPE GASKET @ BREECH FLANGE/ ROOM 001	White Fibrous Heterogeneous	85%	Glass	15% Non-fibrous (other)	None Detected
11-23-JW-06 031032507-0006	GREY MORTAR ON STEEL BREECHING/ ROOM 001	Gray Non-Fibrous Heterogeneous		Glass Wollastonite	75% Non-fibrous (other)	None Detected
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nalvst(s)					A STATE OF THE STA	

Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65)

James Hall, Laboratory Manager or other approved signatory

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10-038.13/ PRE RENO HBM!/ 61 DURANT TERRACE/

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11/29/2010

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

		Non-Asbestos				<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре	
11-23-JW-07 031032507-0007	GREY MORTAR @ OLD ASH CLEAN OUT/ ROOM 001	Gray Non-Fibrous Heterogeneous	20%	Wollastonite	80% Non-fibrous (other)	None Detected	
11-23-JW-08 031032507-0008	BRN BRITTLE CAULK @ HOT H20 TANK EXHAUST/ ROOM 001	Brown Non-Fibrous Heterogeneous			98% Non-fibrous (olher)	2% Chrysotile	
11-23-JW-09 031032507-0009	BRN BRITTLE CAULK @ HOT H20 TANK EXHAUST/ ROOM 001					Stop Positive (Not Analyzed)	
11-23-JW-10 031032507-0010	RESIDUAL WHITE DEBRIS UNDER BOILER/ ROOM 001	Gray Non-Fibrous Heterogeneous	20%	Wollastonite	80% Non-fibrous (other)	None Detected	
11-23-JW-11 031032507-0011	RESIDUAL WHITE DEBRIS UNDER BOILER/ ROOM 001	Gray Non-Fibrous Heterogeneous	15%	Wollastonite	85% Non-fibrous (other)	None Detected	
11-23-JW-12 031032507-0012	RESIDUAL WHITE DEBRIS UNDER BOILER/ ROOM 001	Gray Non-Fibrous Heterogeneous	15%	Wollastonite	85% Non-fibrous (other)	None Detected	
tial report from							
vnalyst(s)					Jose PILO		
Mark Carbanana 6	00)			_	James Hell Leberators Ma		

Albert Grohmann (23) Steve Jusczuk (65)

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
11-23-JW-13	WHITE BOILER	Gray		30% Non-fibrous (other)	None Detected
031032507-0013	BASE	Non-Fibrous		45% Quartz	
	CONCRETE PAD/ ROOM 001	Heterogeneous		25% Ca Carbonate	
11-23-JW-14	WHITE BOILER	Gray		35% Non-fibrous (other)	None Detected
031032507-0014	BASE CONCRETE PAD/	Non-Fibrous		45% Quartz	
	ROOM 001	Heterogeneous		20% Ca Carbonate	
11-23-JW-15	WHITE WIN.	Gray		100% Non-fibrous (other)	None Detected
031032507-0015	GLAZ CMPD @ WINDOW IN	Non-Fibrous Heterogeneous			
DOORS/ ROOM 001		Helelogeneous			
11-23-JW-16	WHITE WIN.	Gray	0.1000	100% Non-fibrous (other)	None Detected
031032507-0016	GLAZ CMPD @	Non-Fibrous		, ,	
WINDOW IN DOORS/ ROO 002	DOORS/ROOM	Heterogeneous			
11-23-JW-17	SHEETROCK/	White	5% Cellulose	40% Non-fibrous (other)	None Detected
031032507-0017	ROOM 020	Non-Fibrous		55% Gypsum	
		Heterogeneous			
11-23-JW-18	SHEETROCK	White	5% Cellulose	40% Non-fibrous (other)	None Detected
031032507-0018	ROOM 021	Non-Fibrous Heterogeneous		55% Gypsum	

report	

Analyst(s)

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Analysis Date:

11/29/2010

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			<u>Asbestos</u>			
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-19 031032507-0019	JOINT COMPOUND/ ROOM 020	White Non-Fibrous Heterogeneous			45% Non-fibrous (other) 55% Ca Carbonate	None Detected
11-23-JW-20 031032507-0020	JOINT COMPOUND/ ROOM 021	White Non-Fibrous Heterogeneous			45% Non-fibrous (other) 55% Ca Carbonate	None Detected
-23-JW-21 031032507-0021	JOINT COMPOUND/ ROOM 033	White Non-Fibrous Heterogeneous			55% Non-fibrous (other) 45% Ca Carbonate	None Detected
11-23-JW-22 031032507-0022	SHEETROCK- JOINT COMPOUND COMPOSITE/ ROOM 020	White Non-Fibrous Heterogeneous			55% Non-fibrous (other) 45% Ca Carbonate	None Detected
11-23-JW-23 031032507-0023	SHEETROCK- JOINT COMPOUND COMPOSITE/ ROOM 021	White Non-Fibrous Heterogeneous			45% Non-fibrous (other) 10% Gypsum 45% Ca Carbonate	None Detected
11-23-JW-24 031032507-0024	TEXTURED WALL PAINT ON CONCRETE/ ROOM 003	White Non-Fibrous Heterogeneous			90% Non-fibrous (olher) 10% Quartz	None Detected

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Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65)

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### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			<u>Asbestos</u>			
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-25 031032507-0025	TEXTURED WALL PAINT ON CONCRETE/ ROOM 007	White Non-Fibrous Heterogeneous			95% Non-fibrous (other) 5% Quartz	None Detected
11-23-JW-26 031032507-0026	TEXTURED WALL PAINT ON CONCRETE/ ROOM 019	White Non-Fibrous Heterogeneous	-		95% Non-fibrous (other) 5% Quartz	None Detected
11-23-JW-27 031032507-0027	DARK YELLOW CARPET ADHESIVE/ ROOM 003	Beige Non-Fibrous Heterogeneous	3%	Cellulose	10% Non-fibrous (other) 87% Matrix	None Detected
11-23-JW-28 031032507-0028	DARK YELLOW CARPET ADHESIVE/ ROOM 023	Beige Non-Fibrous Heterogeneous	2%	Cellulose	8% Non-fibrous (other) 90% Matrix	None Detected
11-23-JW-29 031032507-0029	GRAY 9X9 FLOOR TILE/ ROOM 003	Gray/Tan Non-Fibrous Heterogeneous			20% Non-fibrous (other) 28% Ca Carbonate 45% Matrix	7% Chrysotile
11-23-JW-30 031032507-0030	GRAY 9X9 FLOOR TILE/ ROOM 004					Stop Positive (Not Analyzed)

nitial report from	
:	Jose POUR
Analyst(s)	19105 1 2 EE
Albert Grohmann (23)	James Hall, Laboratory Manager
Steve Jusczuk (65)	or other approved signatory

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# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
11-23-JW-31	BLACK MASTIC	Brown/Black		15% Non-fibrous (other)	None Detected
031032507-0031	ASSOCIATED	Non-Fibrous		35% Quartz	
	WITH 9X9 TILE/ ROOM 003	Heterogeneous		50% Matrix	
11-23-JW-32	BLACK MASTIC	Brown/Black		5% Non-fibrous (other)	None Detected
031032507-0032	ASSOCIATED WITH 9X9 TILE/	Non-Fibrous		45% Quartz	
	ROOM 004	Heterogeneous		50% Matrix	
11-23-JW-33	SKIM COAT ON	White/Cream		20% Non-fibrous (other)	None Detected
031032507-0033	METAL WALL	Non-Fibrous		45% Quartz	
	PANELS/ ROOM 003	Heterogeneous		35% Gypsum	
11-23-JW-34	SKIM COAT ON	White/Cream		15% Non-fibrous (other)	None Detected
031032507-0034	METAL WALL	Non-Fibrous		30% Quartz	
	PANELS/ ROOM 021	Heterogeneous		55% Gypsum	
11-23-JW-35	SKIM COAT ON	Tan/White/Green		20% Non-fibrous (other)	None Detected
31032507-0035	METAL WALL	Non-Fibrous		50% Quartz	
	PANELS/ ROOM 021	Heterogeneous		30% Gypsum	
					None Detected
11-23-JW-36	SKIM COAT ON METAL WALL	Tan/White/Green		20% Non-fibrous (other)	Motte Defected
031032507-0036	PANELS/ ROOM	Non-Fibrous		50% Quartz	
	021	Heterogeneous		30% Gypsum	

Analyst(s)

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James Hall, Laboratory Manager or other approved signatory

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>Asbestos</u>			
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-37	SKIM COAT ON	Gray/Tan/Green			15% Non-fibrous (other)	None Detected
031032507-0037	METAL WALL	Non-Fibrous			55% Quartz	
	PANELS/ROOM 021	Heterogeneous			30% Gypsum	
11-23-JW-38	SKIM COAT	Gray/White	1%	Fibrous (other)	15% Non-fibrous (other)	None Detected
031032507-0038	PLASTER/ ROOM 004	Non-Fibrous			59% Quartz	
	004	Heterogeneous			25% Gypsum	
11-23-JW-39	SKIM COAT	Gray/White			15% Non-fibrous (other)	None Detected
031032507-0039	PLASTER/ROOM 017	Non-Fibrous Heterogeneous			55% Quartz	
•	017				30% Gypsum	
11-23-JW-40	SKIM COAT	Gray/White	<1%	Cellulose	20% Non-fibrous (other)	None Detected
031032507-0040	PLASTER/ROOM	OOM Non-Fibrous			50% Quartz	
027	027	Heterogeneous			30% Gypsum	
11-23-JW-41	SKIM COAT	Gray/White	<1%	Cellulose	15% Non-fibrous (other)	None Detected
031032507-0041	PLASTER/ ROOM	Non-Fibrous			55% Quartz	
	030	Heterogeneous			30% Gypsum	
11-23-JW-42	SKIM COAT	Gray/White	<1%	Cellulose	15% Non-fibrous (other)	None Detected
31032507-0042	PLASTER/ ROOM	Non-Fibrous			55% Quartz	
	036	Heterogeneous			30% Gypsum	

Initial report from

Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65) Janus 1240

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### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				<u>Non-Ast</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-43	ROUGH COAT	Gray/Tan/White			25% Non-fibrous (olher)	None Detected
031032507-0043	PLASTER/ ROOM	Non-Fibrous			20% Ca Carbonate	
	004	Heterogeneous			55% Quartz	
11-23-JW-44	ROUGH COAT	Brown/Gray	<1%	Cellulose	15% Non-fibrous (other)	None Detected
031032507-0044	PLASTER/ ROOM	Non-Fibrous			55% Quartz	
	017	Heterogeneous			30% Gypsum	
11-23-JW-45	ROUGH COAT	Brown/Tan	2%	Cellulose	30% Non-fibrous (other)	None Detected
031032507-0045	PLASTER/ ROOM	Non-Fibrous			43% Quartz	
027	027	Heterogeneous			25% Gypsum	
11-23-JW-46	ROUGH COAT Brown/Tan	Brown/Tan	<1%	Cellulose	30% Non-fibrous (other)	None Detected
031032507-0046	PLASTER/ ROOM	Non-Fibrous			40% Quartz	
030	030	Heterogeneous			30% Gypsum	
11-23-JW-47	ROUGH COAT	Brown/Tan	<1%	Cellulose	30% Non-fibrous (other)	None Detected
031032507-0047	PLASTER/ ROOM	Non-Fibrous			40% Quartz	
036	036	Heterogeneous			30% Gypsum	
11-23-JW-48	BROWN VINYL	Brown			0% Non-fibrous (other)	None Detected
031032507-0048	COVE BASE/	Non-Fibrous			20% Ca Carbonate	
	ROOM 006	Homogeneous			80% Matrix	
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nalyst(s)					June 12/181	

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Albert Grohmann (23) Steve Jusczuk (65)

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		Non-Asbestos			<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-49	BROWN VINYL	Brown			0% Non-fibrous (other)	None Detected
031032507-0049	COVE BASE/ ROOM 006	Non-Fibrous			15% Ca Carbonate	
	ROOM 006	Homogeneous			85% Matrix	
11-23-JW-50	TAN VINYL COVE	Tan/Clear			0% Non-fibrous (other)	None Detected
031032507-0050	BASE ADHESIVE/ ROOM 006	Non-Fibrous			65% Ca Carbonate	
	ROOM 000	Heterogeneous			35% Matrix	
11-23-JW-51	TAN VINYL COVE	Tan/Clear			0% Non-fibrous (other)	None Detected
031032507-0051	BASE ADHESIVE/ ROOM 014	Non-Fibrous			65% Ca Carbonate	
	ROOM 014	Heterogeneous			35% Matrix	
11-23-JW-52	DARK BROWN	Brown/Yellow			15% Non-fibrous (other)	None Detected
31032507-0052	CARPET	Non-Fibrous			80% Matrix	
	ADHESIVE/ ROOM 006	Heterogeneous			5% Ca Carbonate	
11-23-JW-53	DARK BROWN	Brown/Yellow			12% Non-fibrous (other)	None Detected
31032507-0053	CARPET	Non-Fibrous			3% Ca Carbonate	
	ADHESIVE/ ROOM 007	Heterogeneous			85% Matrix	
11-23-JW-54	2X4 DENTED	Gray/White	10%	Glass	15% Non-fibrous (other)	None Detected
31032507-0054	CEILING TILES/ ROOM 006	Non-Fibrous Heterogeneous	50%	Cellulose	25% Perlite	

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Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65)

Just 12/11

James Hall, Laboratory Manager or other approved signatory

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307 West 38th Street, New York, NY 10018

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**Brandy LeBlanc** 

Eagle Environmental, Inc. (CT)

531 North Main St. Bristol, CT 06010

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EEVM50

Customer ID: Customer PO:

11/26/10 10:28 AM

EMSL Order:

031032507

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(860) 585-7034

Phone: (860) 589-8257

Project:

10-038.13/ PRE RENO HBMI/ 61 DURANT TERRACE/ MIDDLETOWN, CT

EMSL Proj:

Analysis Date:

11/29/2010

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			<u>Non-Asbestos</u>			
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
11-23-JW-55 031032507-0055	2X4 DENTED CEILING TILES/ ROOM 018	Gray/White Non-Fibrous Heterogeneous	15% 45%	Glass Cellulose	15% Non-fibrous (other) 25% Perlite	None Detected
11-23-JW-56 031032507-0056	BROWN 12X12 FLOOR TILES/ ROOM 007	Brown/Tan Non-Fibrous Heterogeneous			40% Non-fibrous (other) 25% Ca Carbonate 35% Matrix	None Detected
11-23-JW-57 031032507-0057	BROWN 12X12 FLOOR TILES/ ROOM 011	Brown/Tan Non-Fibrous Heterogeneous			40% Non-fibrous (other) 30% Ca Carbonate 30% Matrix	None Detected
11-23-JW-58 031032507-0058	BROWN 12X12 FLOOR TILE MASTIC/ ROOM 007	Brown/Clear Non-Fibrous Heterogeneous			15% Non-fibrous (other) 85% Matrix	None Detected
11-23-JW-59 031032507-0059	BROWN 12X12 FLOOR TILE MASTIC/ ROOM 011	Brown/Clear Non-Fibrous Heterogeneous			8% Non-fibrous (other) 92% Matrix	None Detected
11-23-JW-60 031032507-0060	SOFT LIGHT- WEIGHT FLOOR CONCRETE/ ROOM 007	Brown/Tan Non-Fibrous Heterogeneous			15% Non-fibrous (other) 30% Ca Carbonate 55% Quartz	None Detected

Initial	report	from
		or marma occur

Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy** 

		Non-	<u>Asbestos</u>	
Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
SOFT LIGHT-	Brown/Tan		20% Non-fibrous (other)	None Detected
WEIGHT FLOOR	Non-Fibrous		35% Ca Carbonate	
ROOM 007	Heterogeneous		45% Quartz	
GRAY CERAMIC	White/Cream	· · ·	0% Non-fibrous (other)	None Detected
	Non-Fibrous		85% Ca Carbonate	
ROOM 010	Heterogeneous		15% Matrix	
GRAY CERAMIC	White/Cream		0% Non-fibrous (other)	None Detected
	Non-Fibrous		85% Ca Carbonate	
ROOM 010	Heterogeneous		15% Matrix	
CERAMIC TILE	White		10% Non-fibrous (other)	None Detected
GROUT/ ROOM 010	Non-Fibrous Homogeneous		90% Ca Carbonate	
CERAMIC TILE	White		10% Non-fibrous (other)	None Detected
GROUT/ ROOM 010	Non-Fibrous Homogeneous		90% Ca Carbonate	
1X1 PINHOLE	White/Belge	93% Cellulose	0% Non-fibrous (other)	None Detected
CEILING TILE/ ROOM 011	Fibrous Heterogeneous		7% Matrix	
	SOFT LIGHT-WEIGHT FLOOR CONCRETE/ ROOM 007  GRAY CERAMIC WALL TILE ADHESIVE/ ROOM 010  GRAY CERAMIC WALL TILE ADHESIVE/ ROOM 010  CERAMIC TILE GROUT/ ROOM 010  CERAMIC TILE GROUT/ ROOM 010  1X1 PINHOLE CEILING TILE/	SOFT LIGHT- WEIGHT FLOOR CONCRETE/ ROOM 007  GRAY CERAMIC WALL TILE ADHESIVE/ ROOM 010  GRAY CERAMIC White/Cream Non-Fibrous Heterogeneous  White/Cream Non-Fibrous Heterogeneous  White/Cream Non-Fibrous Heterogeneous  White/Cream Non-Fibrous Heterogeneous  CERAMIC TILE GROUT/ ROOM 010  CERAMIC TILE GROUT/ ROOM 010  White Non-Fibrous Homogeneous  1X1 PINHOLE CEILING TILE/ CEILING TILE/ COM 014	Description Appearance % Fibrous  SOFT LIGHT- WEIGHT FLOOR CONCRETE/ ROOM 007  GRAY CERAMIC White/Cream Non-Fibrous Heterogeneous  White/Cream Non-Fibrous Heterogeneous  GRAY CERAMIC White/Cream Non-Fibrous Heterogeneous  CERAMIC TILE ADHESIVE/ ROOM 010  CERAMIC TILE GROUT/ ROOM 010  CERAMIC TILE GROUT/ ROOM 010  White Non-Fibrous Homogeneous  CERAMIC TILE GROUT/ ROOM 010  White Non-Fibrous Homogeneous  CERAMIC TILE GROUT/ ROOM 010  White Seliulose CEILING TILE/ CEILING TIL	SOFT LIGHT- WEIGHT FLOOR CONCRETE/ ROOM 007  GRAY CERAMIC WALL TILE ADHESIVE/ ROOM 010  GRAY CERAMIC WALL TILE ADHESIVE/ ROOM 010  White/Cream Non-Fibrous Heterogeneous  Mite/Cream Non-Fibrous Heterogeneous  Mite/Cream Non-Fibrous Heterogeneous  Mite/Cream Non-Fibrous Heterogeneous  Mite/Cream Non-Fibrous Heterogeneous  Mon-Fibrous Heterogeneous  Mon-Fibrous Heterogeneous  CERAMIC TILE GROUT/ ROOM Non-Fibrous Homogeneous  CERAMIC TILE GROUT/ ROOM Non-Fibrous Homogeneous  Mite  Mite  Mon-Fibrous Homogeneous  Mite  Mon-Fibrous Homogeneous  Mon-Fibrous Homogeneous  Mon-Fibrous Homogeneous  Mon-Fibrous Homogeneous  Mite  Mon-Fibrous Homogeneous  Mon-Fibrous Homogeneo

nitial report from	
Analyst(s)	Jose PUII
Albert Grohmann (23)	James Hall, Laboratory Manager or other approved signatory

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Analysis Date:

11/29/2010

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-Asbe	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-67 031032507-0067	1X1 PINHOLE CEILING TILE/ ROOM 011	White/Beige Fibrous Heterogeneous	95%	Cellulose	0% Non-fibrous (other) 5% Matrix	None Detected
11-23-JW-68 031032507-0068	BROWN GLUE DAUBS ASSOC. WITH 1X1 TILE/ ROOM 011	Brown Non-Fibrous Homogeneous		Fibrous (other)	7% Non-fibrous (other) 90% Matrix	None Detected
11-23-JW-69 031032507-0069	BROWN GLUE DAUBS ASSOC. WITH 1X1 TILE/ ROOM 021	Brown Non-Fibrous Homogeneous	Recommer 2%	Fibrous (other)	5% Non-fibrous (other) 93% Matrix	None Detected
11-23-JW-70 031032507-0070	GRAY VINYL COVE BASE/ ROOM 014	Gray Non-Fibrous Homogeneous	Recommen	d TEM.	0% Non-fibrous (other) 65% Ca Carbonate 35% Matrix	None Detected
11-23-JW-71 031032507-0071	GRAY VINYL COVE BASE/ ROOM 014	Gray Non-Fibrous Homogeneous			0% Non-fibrous (other) 65% Ca Carbonate 35% Matrix	None Detected
11-23-JW-72 031032507-0072	WHITE SINK UNDERCOATING/ ROOM 014	Gray Fibrous Heterogeneous	15%	Cellulose	20% Non-fibrous (other) 65% Ca Carbonate	None Detected

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Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65)

Janes 12 12 121

James Hall, Laboratory Manager or other approved signatory

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Analysis Date:

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### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-73 031032507-0073	WHITE SINK UNDERCOATING/ ROOM 014	Gray Fibrous Heterogeneous	20%	Cellulose	25% Non-fibrous (other) 55% Ca Carbonate	None Detected
11-23-JW-74 031032507-0074	RED 9X9 FLOOR TILE/ ROOM 016	Red Non-Fibrous Homogeneous	Tan Mactic	not analyzed.	0% Non-fibrous (other) 70% Ca Carbonate 30% Matrix	None Detected
11-23-JW-75 031032507-0075	RED 9X9 FLOOR TILE/ ROOM 016	Brown/Gray Non-Fibrous Heterogeneous	1011110010	io anyzod.	15% Non-fibrous (other) 35% Ca Carbonate 45% Matrix	5% Chrysotile
			Different fro	m Sample 74. Black i	lastic not analyzed.	
11-23-JW-76 031032507-0076	WHITE AND GRAY 12X12 FLOOR TILE/ ROOM 018	Gray/White Non-Fibrous Heterogeneous			5% Non-fibrous (other) 65% Ca Carbonate 30% Matrix	None Detected
11-23-JW-77 031032507-0077	WHITE AND GRAY 12X12 FLOOR TILE/ ROOM 018	Gray/White Non-Fibrous Heterogeneous			5% Non-fibrous (other) 65% Ca Carbonate 30% Matrix	None Detected

initial report from	
Analyst(s)	June 2 2 1 10
Albert Grohmann (23)	James Hall, Laboratory Manager
Steve Jusczuk (65)	or other approved signatory

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Analysis Date:

11/29/2010

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

		Non-Asbestos			<u>Asbestos</u>
Description	Appearance	%	Fibrous	% Non-Fibrous	% Турө
YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017	Tan/Yellow Non-Fibrous Heterogeneous			5% Non-fibrous (other) 55% Ca Carbonate 40% Matrix	None Detected
YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017	Tan/Yellow Non-Fibrous Heterogeneous			5% Non-fibrous (other) 65% Ca Carbonate 30% Matrix	None Detected
GRAY TACKBOARD/ ROOM 017	Gray Fibrous Homogeneous	98%	Cellulose	0% Non-fibrous (other) 2% Matrix	None Detected
GRAY TACKBOARD/ ROOM 017	Gray/White Fibrous Heterogeneous	92%	Cellulose	0% Non-fibrous (other) 8% Matrix	None Detected
GREEN FLOORING PRODUCT/ ROOM 021	Green Fibrous Heterogeneous	28%	Cellulose	0% Non-fibrous (other) 17% Ca Carbonate 55% Matrix	None Detected
GREEN FLOORING PRODUCT/ ROOM 021	Green Fibrous Heterogeneous	33%	Cellulose	0% Non-fibrous (other) 12% Ca Carbonate 55% Matrix	None Detected
	YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  GRAY TACKBOARD/ ROOM 017  GRAY TACKBOARD/ ROOM 017  GREEN FLOORING PRODUCT/ ROOM 021  GREEN FLOORING PRODUCT/	YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  Tan/Yellow Non-Fibrous Heterogeneous  GRAY TACKBOARD/ ROOM 017  GRAY TACKBOARD/ ROOM 017  GRAY TACKBOARD/ ROOM 017  GRAY Gray/White Fibrous Homogeneous  GREN FLOORING FIbrous Heterogeneous  Green FLOORING FIbrous Heterogeneous  Green FLOORING FIbrous Heterogeneous  GREEN Green FLOORING FIbrous Heterogeneous	YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  YELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  Tan/Yellow Non-Fibrous Heterogeneous  Non-Fibrous Heterogeneous  Room 017  GRAY TACKBOARD/ ROOM 017  GRAY Gray Fibrous Homogeneous  GRAY TACKBOARD/ Fibrous Homogeneous  GRAY Gray/White 92% TACKBOARD/ Fibrous Heterogeneous  GREEN FLOORING Fibrous Heterogeneous  GREEN Green FLOORING Fibrous Heterogeneous  GREEN FLOORING Fibrous Heterogeneous	Pescription Appearance % Fibrous  YELLOW Tan/Yellow ADHESIVE Non-Fibrous BEHIND Heterogeneous  YELLOW Tan/Yellow ADHESIVE Non-Fibrous BEHIND Heterogeneous  YELLOW ADHESIVE Non-Fibrous BEHIND Heterogeneous  GRAY Gray 98% Cellulose TACKBOARD/ Fibrous Homogeneous  GRAY Gray/White 92% Cellulose TACKBOARD/ Fibrous Homogeneous  GRAY Gray/White 92% Cellulose TACKBOARD/ Fibrous Heterogeneous  GREEN Green 28% Cellulose FLOORING Fibrous PRODUCT/ Heterogeneous  GREEN Green 33% Cellulose FLOORING Fibrous PRODUCT/ Heterogeneous  GREEN Green 33% Cellulose FLOORING Fibrous PRODUCT/ Heterogeneous	PELLOW ADHESIVE BEHIND BLACKBOARD/ ROOM 017  Tan/Yellow ADHESIVE BEHIND BLACKBOARD/ ROOM 017  GRAY Gray Gray Fibrous Heterogeneous  GRAY Gray Fibrous Homogeneous  GRAY Gray/White Fibrous Homogeneous  GRAY Gray/White Fibrous Heterogeneous  GRAY Fibrous Heterogeneous  GREEN Green FLOORING Fibrous Heterogeneous  GREEN Green Green  33% Cellulose  O% Non-fibrous (other) TackBoard/ ROOM 017  GREEN Fibrous Heterogeneous  GREEN Green  33% Cellulose  O% Non-fibrous (other) TackBoard/ ROOM 021  GREEN Fibrous Heterogeneous  GREEN Fibrous Heterogeneous  GREEN Green  33% Cellulose  O% Non-fibrous (other) TackBoard/ Fibrous Heterogeneous  GREEN Fibrous Heterogeneous  Tan/Yellow Fibrous Heterogeneous

initial	report	from
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Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65) Jones DILLI

James Hall, Laboratory Manager or other approved signatory

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MIDDLETOWN, CT

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
11-23-JW-84 031032507-0084	GRAY VAPOR BARRIER UNDER HARDWOOD FLOOR/ ROOM 021	Tan/Red Fibrous Heterogeneous	15% 80%		0% Non-fibrous (other) 5% Matrix	None Detected
11-23-JW-85 `31032507-0085	GRAY VAPOR BARRIER UNDER HARDWOOD FLOOR/ ROOM 023	Tan/Red Fibrous Heterogeneous		Hair Cellulose	0% Non-fibrous (other) 3% Matrix	None Detected
11-23-JW-86 031032507-0086	WHITE SILICONE REPLACEMENT CAULK/ A- FAÇADE	White Non-Fibrous Homogeneous	, , , , , , , , , , , , , , , , , , ,		0% Non-fibrous (other) 100% Matrix	None Detected
11-23-JW-87 031032507-0087	WHITE SILICONE REPLACEMENT CAULK/ B- FAÇADE	White Non-Fibrous Homogeneous			0% Non-fibrous (other) 100% Matrix	None Detected
11-23-JW-88 031032507-0088	WHITE STUCCO ON CONCRETE BLOCK/ A- FAÇADE	Tan/White Non-Fibrous Heterogeneous	3%	Fibrous (olher)	12% Non-fibrous (other) 85% Matrix	None Detected
			Recommend	I TEM.		

nitial report from	
Analyst(s)	Jone PALL
Albert Grohmann (23)	James Hall, Laboratory Manager
Steve Jusczuk (65)	or other approved signatory

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asbes	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
11-23-JW-89 031032507-0089	WHITE STUCCO ON CONCRETE BLOCK/ B- FAÇADE	Tan/White Non-Fibrous Heterogeneous	3%	Fibrous (other)	7% Non-fibrous (other) 90% Matrix	None Detected
			Recommen	d TEM.		
11-23-JW-90 131032507-0090	WHITE STUCCO ON CONCRETE BLOCK/ D- FAÇADE	White Non-Fibrous Heterogeneous	2%	Fibrous (other)	10% Non-fibrous (olher) 5% Quartz 83% Matrix	None Detected
			Recommen	d TEM,		
11-23-JW-91 031032507-0091	RED CEMENT BOARD ROOF SHINGLES/ ROOF 1	Gray/Red Fibrous Heterogeneous			60% Non-fibrous (other) 15% Ca Carbonate	25% Chrysotile
11-23-JW-92 031032507-0092	RED CEMENT BOARD ROOF SHINGLES/ ROOF 3		v en ormanisma			Stop Positive (Not Analyzed)
11-23-JW-93 031032507-0093	BLACK FLASHING CEMENT/ ROOF 1	Red/Black Fibrous Heterogeneous			10% Non-fibrous (other) 78% Matrix	12% Chrysotile
11-23-JW-94 031032507-0094	BLACK FLASHING CEMENT/ ROOF 3	· consequence de la consequence della consequenc	-			Stop Positive (Not Analyzed)

Analyst(s)

Albert Grohmann (23) Steve Jusczuk (65) James PD W

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Analysis Date:

12/1/2010

### Test Report: Asbestos Analysis of Non-Friable Organically Bound materials by Transmission Electron Microscopy via NYS ELAP Method 198,4

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	A	SBESTOS TYPES	% TOTAL ASBESTOS
11-23-JW-28 031032507-0028	DARK YELLOW CARPET ADHESIVE/ ROOM 023	Tan Non-Fibrous Heterogeneous	100.0	None		No Asbe	stos Detected
11-23-JW-31 031032507-0031	BLACK MASTIC ASSOCIATED WITH 9X9 TILE/ ROOM 003		94.4	None	5.6%	Chrysotile	5.6

nitial report from 12/01/2010 10:50:18	
Analyst(s)	Jones P. P. L. W. C.
Bob Georgans (2)	James Hall, Laboratory Manager

or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSI. Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. 307 West 38th Street, New York NY NYS ELAP 11506

## LEAD PAINT INSPECTION REPORT

**REPORT NUMBER:** 

11/23/10 10:33

**INSPECTION FOR:** 

Mr. Bill Warner

City of Middletown, Dept. of Planning,

Brule Date: 11/24/10

**Conservation & Development** 

245 Dekoven Drive, Middletown, CT

PERFORMED AT:

61 Durant Terrace

Middletown, CT

**INSPECTION DATE:** 

11/23/10

**INSTRUMENT TYPE:** 

RMD

MODEL LPA-1

XRF TYPE ANALYZER Serial Number: 1509

**ACTION LEVEL:** 

1.0 mg/cm<sup>2</sup>

OPERATOR LICENSE:

002197

Interior and Exterior lead-based paint screen.

Michelle Rudy

SIGNED:

Lead Inspector/Risk Assessor Eagle Environmental, Inc. 531 North Main Street

Bristol, CT 06010

### SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

Inspection Date:

11/23/10

61 Durant Terrace Middletown, CT

Report Date: \batement Level:

11-24-2010

1.0

Report No.

11/23/10 10:33 292 Actionable: 42

Total Readings: Job Started:

11/23/10 10:33

Job Finished:	11/23/10 15:18
000 / 1111011001	

Readin	q				Paint			Lead	
No.		Structure	Location	Member	Cond	Substrate	Color	(mg/cm²)	Mode
Exte	cior Re	oom 003 Facad	e C				·		
284	C	Pipe	Rgt		P	Metal	white	4.6	QM
286	С	Door	Lft		P	Wood	white	2.9	QM
287	С	Door	Lft	Casing	P	Wood	white	>9.9	QM
		oom 004 Facade							
288	D	Fascia	Ctr		P	Wood	white	>9.9	QM
289	D	Soffit	Ctr		P	Wood	white	2.4	QM
		oom 002 Number		-					
020	C	Window	Ctr	Casing	P	Wood	black	1.7	QM
		ll classrooms tween classro					interior		
Inter	ior Ro	oom 006 Number	r Only						
047	A A	Door	Lft	Stop	P	Wood	white	7.6	QM
050	Ċ	Window	Ctr	Casing	P	Wood	white	3.7	QM
	_	loor carpeted	<b>401</b>	caseing	-			J.,	X-1
Inter	ior Ro	oom 007 Number	Only						
062	A	Wall	Lft	Lower	P	Plaster	multi	2.7	QM
067	A	Wall	Rgt	Lower	I	Plaster	red	3.2	QM
			T.G.).	T TY- 3 3	I	Plaster	multi	3.5	QM
	A	Closet	Lft	Low Wall		FIASCEL	mur cr	J.J	2
070	A B	Wall	Ctr	row warr	I	Plaster	multi	4.7	QM
070 074 078 Comme	B C nt: as	Wall Window ssume lower pl	Ctr Lft aster wall	Lower Casing s in previo	I P	Plaster Wood	multi white	4.7 4.1	_
070 074 078 Comme dropp	B C ent: as ed cei	Wall Window ssume lower pl ling, ramp ur	Ctr Lft Laster wall apainted und	Lower Casing s in previo	I P ous room	Plaster Wood s positive	multi white , vat flo	4.7 4.1 por,	QM QM
070 074 078 Comme dropp Inter	B C ent: as ed cei ior Ro B	Wall Window ssume lower pl ling, ramp ur oom 008 Number Wall	Ctr Lft Laster wall painted und Ctr	Lower Casing s in previo	I P	Plaster Wood	multi white	4.7 4.1	QM
070 074 078 Comme dropp Inter 090	B C int: as ed cei ior Ro B	Wall Window ssume lower pl ling, ramp ur oom 008 Number Wall	Ctr Lft Laster wall painted und Ctr	Lower Casing s in previo	I p ous room I	Plaster Wood s positive	multi white o, vat flo	4.7 4.1 oor,	QM QM
070 074 078 Comme dropp Inter 090	B C ent: as ed cei ior Ro B	Wall Window ssume lower pl ling, ramp ur oom 008 Number Wall	Ctr Lft Laster wall painted und Ctr	Lower Casing s in previo	I P ous room	Plaster Wood s positive	multi white , vat flo	4.7 4.1 por,	QM QM
070 074 078 Comme dropp Inter 090 Inter	B C nnt: as ed cei ior Rc B ior Rc	Wall Window Ssume lower pl Ling, ramp ur com 008 Number Wall com 009 Number Wall com 010 Bathro	Ctr Lft Laster wall painted und Ctr Ctr	Lower Casing s in previous der carpet Lower Lower	I p ous room I	Plaster Wood s positive Plaster	multi white e, vat flo oream white	4.7 4.1 90r, 4.5	QM QM QM
070 074 078 Comme dropp Inter 090 Inter 106	B C nnt: as ed cei ior Rc B ior Rc D	Wall Window Ssume lower pl Ling, ramp ur com 008 Number Wall com 009 Number Wall com 010 Bathro Window	Ctr Lft Laster wall painted und Ctr Conly Ctr Com Ctr	Lower Casing s in previous der carpet Lower Lower Casing	I P	Plaster Wood s positive Plaster Plaster Wood	multi white , vat flo  cream  white	4.7 4.1 200, 4.5 7.1	ÖW  ÖW  ÖW
070 074 078 Commedropp Inter 090 Inter 106	B C nnt: as ed cei ior Rc B ior Rc	Wall Window Ssume lower pl Ling, ramp ur com 008 Number Wall com 009 Number Wall com 010 Bathro	Ctr Lft Laster wall painted und Ctr Ctr	Lower Casing s in previous der carpet Lower Lower	I p ous room I	Plaster Wood s positive Plaster	multi white e, vat flo oream white	4.7 4.1 90r, 4.5	QM QM QM
070 074 078 Commedropp Inter 090 Inter 106 107	B C cont: assed cei ior Rc B ior Rc B ior Rc B ior Rc B D ior Rc B D	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs	Ctr Lft Laster wall Laster wall Lapainted und Ctr Ctr Conly Ctr Ctr Lft	Lower Casing s in previous der carpet Lower Lower Casing Tile	I P I	Plaster Wood Plaster Plaster Wood Ceramic	multi white white cream white white multi	4.7 4.1 90r, 4.5 7.1 2.9 >9.9	ÖW ÖW ÖM ÖM
070 074 078 Commedropp Inter 090 Inter 106 107	B C ont: assed cei ior Rc B ior Rc D	Wall Window ssume lower pl ling, ramp ur oom 008 Number Wall oom 009 Number Wall oom 010 Bathro Window Wall	Ctr Lft Laster wall Laster wall Laster wall Ctr Ctr Conly Ctr Com Ctr Lft	Lower Casing s in previous der carpet Lower Lower Casing	I P	Plaster Wood s positive Plaster Plaster Wood	multi white , vat flo  cream  white	4.7 4.1 200, 4.5 7.1	ÖW  ÖW  ÖW
070 074 078 Commedropp Inter 090 Inter 106 107 Inter	B C Int: assed cei ior RC B ior RC D ior RC A	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr Ctr Ctr Ctr Ctr Ctr Ctr Com Ctr Lft Ctr	Lower Casing s in previous der carpet Lower  Lower  Casing Tile  Lower	I P I P I	Plaster Wood Plaster Plaster Wood Ceramic Plaster	multi white , vat flo  cream  white  white multi white	4.7 4.1 2.5 7.1 2.9 >9.9	OM OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter	B C ont: assed cei ior Rc B ior Rc D ior Rc A ior Rc	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull. Board	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr Ctr Conly Ctr Lft Ctr Conly Ctr	Lower Casing s in previous der carpet Lower Lower Casing Tile Lower	I P I P I	Plaster Wood Plaster Plaster Wood Ceramic Plaster	multi white , vat flo  cream  white  white multi  white  red	4.7 4.1 2.5 7.1 2.9 >9.9 3.3	OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter 125 123	B C Int: assed cei ior Ro B ior Ro D ior Ro A ior Ro C C	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull. Board	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr	Lower Casing s in previous der carpet Lower Lower Casing Tile Lower Frame Lower	I P I I I I I I I I I I I I I I I I I I	Plaster Wood Plaster Wood Ceramic Plaster Wood Plaster	multi white , vat flo  cream  white  white multi  white  red yellow	4.7 4.1 2.9 >9.9 3.3	OM OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter 125 123 117	B C ont: assed cei ior Ro B ior Ro B D ior Ro C C C C	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull. Board	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr	Lower Casing s in previous der carpet Lower  Lower  Casing Tile  Lower  Frame Lower Casing	I P I P I	Plaster Wood Plaster Plaster Wood Ceramic Plaster	multi white , vat flo  cream  white  white multi  white  red	4.7 4.1 2.5 7.1 2.9 >9.9 3.3	OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter 125 123 117 Comme	B C Int: assed cei ior RC B ior RC D ior RC C C C C nt: dr	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull Board Wall Window opped ceiling	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr	Lower Casing s in previous der carpet Lower  Lower  Casing Tile  Lower  Frame Lower Casing	I P I I I I I I I I I I I I I I I I I I	Plaster Wood Plaster Wood Ceramic Plaster Wood Plaster	multi white , vat flo  cream  white  white multi  white  red yellow	4.7 4.1 2.9 >9.9 3.3	OM OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter 125 123 117 Comme	B C Int: assed cei ior Ro B ior Ro D ior Ro C C C C nt: dr	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull Board Wall Window opped ceiling	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr	Lower Casing s in previous der carpet  Lower  Lower  Casing Tile  Lower  Frame Lower Casing rpeted	I P I I P I I P P	Plaster Wood Plaster Wood Ceramic Plaster Wood Plaster Wood Plaster Wood Plaster Wood	multi white  oream  white  white  multi  white  red yellow aqua	4.7 4.1 90r, 4.5 7.1 2.9 >9.9 3.3 1.6 4.4 3.1	OM OM OM OM
070 074 078 Commedropp Inter 090 Inter 106 107 Inter 111 Inter 125 123 117 Comme	B C Int: assed cei ior RC B ior RC D ior RC C C C C nt: dr	Wall Window ssume lower pl ling, ramp ur om 008 Number Wall om 009 Number Wall om 010 Bathro Window Wall om 011 Stairs Wall om 012 Number Bull Board Wall Window opped ceiling	Ctr Lft Laster wall Laster wall Laster wall Laster wall Laster wall Ctr	Lower Casing s in previous der carpet Lower  Lower  Casing Tile  Lower  Frame Lower Casing	I P I I I I I I I I I I I I I I I I I I	Plaster Wood Plaster Wood Ceramic Plaster Wood Plaster	multi white , vat flo  cream  white  white multi  white  red yellow	4.7 4.1 2.9 >9.9 3.3	QM QM QM QM QM

### SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

teading No.		Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
146	С	Wall	Rgt	Lower	I	Plaster	white	3.2	QM
149	D	Closet	Rgt	Low Wall	P	Plaster	cream	4.8	QM
Inter	ior R	oom 016 Stair	`8						
160	-	Wall	Ctr	Lower	P	Plaster	white	8.2	QM
164	A	Window	Lft	Casing	I	Wood	white	3.5	QM
Comme doors		eiling tiled,	floor & st	airs carpet	ed, new	factory p	ainted e	ntry	
		oom 017 Numbe	-					2 1	01
167	A	Window	Ctr	Casing	P	Wood	white	3.1	QM
173	С	Wall	Lft	Lower	₽	Plaster	white	1.0	QM
Inter	ior R	oom 018 Numbe	r Only						
183	В	Wall	Rgt	Lower	P	Plaster	white	1.9	QM
Comme ceili		indow walls s	ame as othe	r rooms, vi	nyl til	ed floor,	dropped		
		oom 019 Stair		rr- 1 1	7			E 7	OM
194	A	Closet	Rgt	Wall	P	Concrete	white	5.7	QM
191	В	Wall	Rgt	Lower	P	Plaster	white	>9.9	QM
Inter	ior Ro	oom 020 Numbe	r Only					\0 0	
013	В	Window	Ctr	Casing	P	Wood	white	>9.9	QM
011	В	Door	Lft	Casing	P	Wood	white	>9.9	QM
014	С	Door	Ctr		P	Wood	brown	6.3	QM
	ж2								
Inter		oom 023 Numbe	_						
215	A	Wall	Ctr	Lower	P	Plaster	white	>9.9	QM
218	В	Closet	Ctr	Low Wall	P	Plaster	white	3.6	QM
Comme	nt: di	copped ceilin	gs & carpet	ed floors t	hrougho	ut classro	oms		
Inter	ior Ro	om 025 Numbe	r Only						
227	A	Wall	Rgt	Lower	I	Plaster	white	>9.9	QM
Comme	nt: sa	ame as 023							
Inter	ior Ro	oom 028 Numbe	r Only						
239	C ·	Wall	Ctr	Lower	I	Plaster	white	3.7	QM
Comme	nt: sa	ume as 023							
[nter:	ior Ro	oom 031 Numbe	r Only						
250	C	Wall	Lft	Lower	P	Plaster	white	9.2	QM
(nter	ior Ro	oom 034 Numbe	r Only		-				
263	A	Mural	Ctr		I	Canvas	multi	>9.9	QM
		oom 035 Numbe	_		_		4		<u> </u>
269	С	Fireplace	L£t	Tile	I	Ceramic	multi	3.6	QM
Caliba	ration	Readings	, ,,,,,,,,,,,						
	ior Ro	om 999							

### SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

Reading	<u> </u>				Paint		•	Lead	
No.	Wall	Structure	Location	Member	Cond	Substrate	Color	(mg/cm²)	Mode

Inspection Date:

11/23/10

61 Durant Terrace

Report Date:

11-24-2010

Middletown, CT

Abatement Level:

1.0

Report No.

11/23/10 10:33

Total Readings:

292

Job Started:

44100140

Job Finished:

11/23/10 10:33

11/23/10 15:18

Readir No.		Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exte	rior R	oom 001 Facad	le A						
280	A	Fence	Lft		P	Metal	silver	-0.1	QM
279	A	Wall	Lft	Lower	Ī	Block	white	0.2	QМ
		inyl sashes,							211
one 1	baseme onents	nt door, unpa	inted brick	upper wal	ls, stor	ne or concr	ete porch	1	
	rior R	oom 002 Facad	e B						
281	В	Wall	Ctr	Lower	P	Block	white	-0.2	QM
Exte	rior R	oom 003 Facad	e C						
284	С	Pipe	Rgt		P	Metal	white	4.6	QM
286	Ċ	Door	Lft		P	Wood	white	2.9	QM
287	Ċ	Door	Lft	Casing	P	Wood	white	>9.9	QM
282	č	Door	Rgt		P	Metal	red	0.0	QM
283	Ċ	Door	Rat	Frame	P	Metal	white	0.3	QM
285	c	Railing	Rgt	<del>-</del>	P	Metal	red	-0.2	QM
Exter	rior R	oom 004 Facad	e D						
288	D	Fascia	Ctr		P	Wood	white	>9.9	QM
289	D	Soffit	Ctr		P	Wood	white	2.4	QM
Tnter	ior P	oom 001 Boile	r Dm						
009	B	Pipe	Ctr		P	Metal	white	0.0	QM
004	В	Wall	Ctr		P	Block	white	0.1	QМ
006	В	Floor	Ctr		P	Concrete	tan	-0.1	QМ
800	В	Door	Lft	Casing	P	Metal	white	0.3	ОM
007	В	Door	Rgt	_	P	Metal	brown	-0.1	QM
005	С	Wall	Lft		P	Plaster	white	-0.3	ÕМ
Comme	nt: r	ooms 1,2,20-s	ame floor						-
Inter	ior Ro	oom 002 Numbe	Only	<u> </u>					
022	A	Door	Lft		P	Metal	white	0.2	QM
018	В	Shelving	Ctr		P	Wood	white	-0.1	QM
17	В	Wall	Ctr		I	Plaster	white	0.2	QM
16	В	Ceiling	Ctr		I	Concrete	white	-0.1	QM
19	C	Pipe	Ctr		P	Metal	black	-0.1	QM
20	С	Window	Ctr	Casing	P	Wood	black	1.7	ÕМ
)21	D	Door	Lft	-	P	Metal	silver	0.2	QМ
Comme	nt: Al	l classrooms	- vinyl rep	olacement s	ashes ex	cept for i	interior		-
		ween classro				-			
Inter	ior Ro	om 003 Stairs	<b>1</b>						
35	-	Stairs	Ctr		P	Wood	varnish	-0.2	QM
	unde	r carpet							
29	-	Railing	Ctr	Balusters	P	Wood	varnish	-0.2	QM
)30	A	Trim	Lft		P	Wood	varnish	0.0	QM
24	A	Trim	Ctr		P	Wood	white	-0.2	QM
23	A	Wall	Ctr		P	Block	white	-0.2	QM
25									

NI -	ıg				Paint			Lead	
No.	Wall	Structure	Location	Member	Cond	Substrate	Color	(mg/cm²)	Mode
031	A	Stairs	Lft	Baseboard	Р	Wood	varnish		QM
033	A	Closet	Lft	Door	P	Plywood	white	-0.1	QM
032	A	Closet	Lft	Wall	P	Concrete	white	0.3	QM
026	C	Wall	Lft		P	Plaster	white	0.0	QM
027	С	Wall	Rgt		P	Plaster	cream	0.1	QM
034	С	Ceiling	Ctr		P	Plaster	white	-0.2	QM
028	D	Wall	Lft		P	Concrete	cream	-0.1	QМ
Comme	ent: o	utside doors &	trim new,	factory pai	nted m	netal			~
	rior Re	oom 004 Number	Only						
037	A	Wall	Ctr		P	Block	white	0.3	QM
040	В	Wall	Ctr		P	Dry wall	white	0.0	QM
039	В	Ceiling	Ctr		I	Plaster	white	0.0	QM
038	В	Door	Ctr		P	Wood	varnish	-0.3	QM
036	D	Door	Ctr	Frame	P	Metal	white	0.0	QM
Comme	ent: fl	Loor carpeted							-
Inter	ior Ro	oom 005 Number	Only						
042	С	Wall	Rgt		P	Plaster	white	0.3	QM
)41	С	Ceiling	Rgt		P	Plaster	white	0.0	QM
)43	С	Door	Rgt	Casing	P	Wood	white	-0.1	QM
Comme	nt: fl	oor carpeted							
inter	ior Ro	oom 006 Number	Only						
046	Α	Door	Lft		P	Wood	varnish	-0.1	QM
)47	A	Door	Lft	Stop	P	Wood	white	7.6	QM
)49	В	Shelving	Lft	_	P	Wood	white	0.0	QM
148	В	Door	Lft	Casing	P	Wood	varnish	0.1	QМ
				-				-0.2	QM
)51	В	Closet	Rat	Door	P	wood	melon		
		Closet Closet	Rgt Rat	Door Casing	P T	Wood Wood	melon white		
)52	В	Closet	Rgt	Door Casing	I	Wood	white	-0.2	QM
)52 )53	B B	Closet Closet	Rgt Rgt	Door Casing Floor	I P	Wood Wood	white varnish	-0.2 0.0	QM QM
)52 )53 )50	B B C	Closet Closet Window	Rgt Rgt Ctr	Door Casing	I P P	Wood Wood Wood	white varnish white	-0.2 0.0 3.7	QM QM
)52 )53 )50 )55	B B C D	Closet Closet Window Pipe	Rgt Rgt Ctr Ctr	Door Casing Floor	I P P	Wood Wood Wood Metal	white varnish white white	-0.2 0.0 3.7 -0.1	QM QM QM
)52 )53 )50 )55  44	B B C D	Closet Closet Window Pipe Wall	Rgt Rgt Ctr Ctr Rgt	Door Casing Floor	I P P P	Wood Wood Wood Metal Plaster	white varnish white white white	-0.2 0.0 3.7 -0.1 0.1	OW OW OW
)52 )53 )50 )55 )44	B C D D	Closet Closet Window Pipe Wall Ceiling	Rgt Rgt Ctr Ctr Rgt Ctr	Door Casing Floor	I P P	Wood Wood Wood Metal	white varnish white white	-0.2 0.0 3.7 -0.1	QM QM QM
)52 )53 )50 )55 )44 )54	B B C D D D	Closet Closet Window Pipe Wall Ceiling e dropped cei	Rgt Rgt Ctr Ctr Rgt Ctr	Door Casing Floor Casing	I P P P P	Wood Wood Wood Metal Plaster Plaster	white varnish white white white white	-0.2 0.0 3.7 -0.1 0.1	OW OW OW OW
)52 )53 )50 )55 )44 )54	B B C D D D abov	Closet Closet Window Pipe Wall Ceiling	Rgt Rgt Ctr Ctr Rgt Ctr	Door Casing Floor	I P P P	Wood Wood Wood Metal Plaster	white varnish white white white	-0.2 0.0 3.7 -0.1 0.1	OW OW OW
052 053 050 055 044 054 045 Comme	B C D D abov D nt: fl	Closet Closet Window Pipe Wall Ceiling d dropped ceil Door cor carpeted	Rgt Rgt Ctr Ctr Rgt Ctr ling	Door Casing Floor Casing	I P P P P	Wood Wood Wood Metal Plaster Plaster	white varnish white white white white	-0.2 0.0 3.7 -0.1 0.1	OW OW OW OW
052 053 050 055 044 054 045	B B C D D abov D nt: f1	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted om 007 Number	Rgt Rgt Ctr Ctr Rgt Ctr Iing Rgt	Door Casing Floor Casing	I P P P P	Wood Wood Wood Metal Plaster Plaster Metal	white varnish white white white white	-0.2 0.0 3.7 -0.1 0.1 0.2	ÖW ÖW ÖW ÖW
052 053 050 055 044 054 045 comments	B B C D D abov D nt: f1	Closet Closet Window Pipe Wall Ceiling e dropped cei Door oor carpeted om 007 Number Bull. Board	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt	Door Casing Floor Casing Casing	I P P P P	Wood Wood Wood Metal Plaster Plaster Metal	white varnish white white white white white	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1	ÖW ÖW ÖM ÖM ÖM ÖM ÖM
052 053 050 055 044 054 045 00mmer nter:	B B C D D abov D nt: f1	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door oor carpeted om 007 Number Bull. Board Bull. Board	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft	Door Casing Floor Casing	I P P P P	Wood Wood Wood Metal Plaster Plaster Metal Fiberboard Wood	white varnish white white white white white  white  white	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1	ÖW ÖW ÖW ÖW ÖW
052 053 050 055 044 054 045 Commerciates	B B C D D abov D nt: f1	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door oor carpeted om 007 Number Bull. Board Bull. Board Cabinet	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft	Door Casing Floor Casing Casing	I P P P I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood	white varnish white white white white white  white  imulti multi varnish	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2	OW OW OW OW OW OW
052 053 050 055 44 054 045 0mmer 60 61 65 62	B B C D D abov D nt: f1	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted om 007 Number Bull. Board Bull. Board Cabinet Wall	Rgt Rgt Ctr Ctr Rgt Ctr ling Rgt Only Lft Lft Lft	Door Casing Floor Casing  Casing  Frame Lower	I P P P I P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster	white varnish white white white white white  white  multi multi varnish multi	-0.2 0.0 3.7 -0.1 0.2 -0.1 0.1 -0.1 -0.2 2.7	ÖW ÖW ÖW ÖW ÖW ÖW
052 053 050 055 044 054 045 0mmer 060 061 065 062 069	B B C D D abov D nt: fl ior Ro A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted om 007 Number Bull. Board Bull. Board Cabinet Wall	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft Lft Lft	Door Casing Floor Casing Casing	I P P P I P I I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster	white varnish white white white white white  white  multi multi varnish multi multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0	ÖW ÖW ÖW ÖW ÖW ÖM ÖM
052 053 055 044 054 045 00mmer: 60 61 65 62 69 63	B B C D D abov D nt: f1  ior Ro A A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted om 007 Number Bull. Board Bull. Board Cabinet Wall Wall	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft Lft Lft Ctr	Door Casing Floor Casing  Casing  Frame Lower Upper	I P P P I P I I I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall	white varnish white white white white white  white  I multi multi varnish multi multi multi multi multi multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2	OW OW OW OW OW OW OW
152 153 150 155 144 154 45 10mmer 160 61 65 62 69 63 67	B B C D D abov D nt: f1  ior Ro A A A A	Closet Closet Window Pipe Wall Ceiling e dropped cei. Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft Lft Lft Lft Rgt	Door Casing Floor Casing  Casing  Frame Lower Upper Lower	I P P P I I I I I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster	white varnish white white white white white white  white  I multi multi varnish multi multi multi red	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2	ÖW ÖW ÖW ÖW ÖW ÖM ÖM
052 053 055 044 054 045 060 061 065 662 669 663 667 668	B B C D D abov D nt: f1 ior Ro A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft Lft Lft Lft Rgt Rgt	Door Casing Floor Casing  Casing  Frame Lower Upper	I P P P I I I I I I I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster	white varnish white white white white white white  white  I multi multi varnish multi multi multi red red	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2	ÖW ÖW ÖW ÖW ÖW ÖM ÖM ÖM
052 053 050 055 044 054 045 060 061 065 062 063 067 068 59	B B C D D abov D nt: f1 ior Ro A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door	Rgt Rgt Ctr Ctr Rgt Ctr Iing Rgt Only Lft	Door Casing Floor Casing  Casing  Frame Lower Upper Lower	I P P P I I I I P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster Metal	white varnish white white white white white white  white  I multi multi varnish multi multi multi red red multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1	ÖW ÖW ÖW ÖW ÖW ÖM ÖM ÖM
052 053 050 055 044 054 045 060 061 065 062 063 067 068 59	B B C D D abov D nt: f1 ior Ro A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped cei Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door Stairs	Rgt Rgt Ctr Ctr Rgt Ctr ling Rgt  Only Lft	Door Casing Floor Casing  Casing  Lower Upper Lower Upper	I P P P I I I I P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster	white varnish white white white white white white  white  I multi multi varnish multi multi multi red red	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2	ÖW ÖW ÖW ÖW ÖW ÖM ÖM ÖM
052 053 050 055 044 054 045 060 061 062 063 067 068 59	B B C D D abov D nt: f1 ior Ro A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door	Rgt Rgt Ctr Ctr Rgt Ctr ling Rgt  Only Lft	Door Casing Floor Casing  Casing  Frame Lower Upper Lower	I P P P I I I I P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster Metal	white varnish white white white white white white  white  I multi multi varnish multi multi multi red red multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1	ÖW ÖW ÖW ÖW ÖW ÖM ÖM ÖM
052 053 050 055 044 054 045 060 061 062 063 067 068 59 57	B B C D D abov D nt: f1 ior Ro A A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped cei Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door Stairs	Rgt Rgt Ctr Ctr Rgt Ctr ling Rgt  Only Lft	Door Casing Floor Casing  Casing  Lower Upper Lower Upper	I P P P I I I I P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster Metal Wood Wood	white varnish white white white white white white  white  I multi multi varnish multi multi red red multi varnish	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1 0.0	ÖW ÖW ÖW ÖW ÖM ÖM ÖM ÖM ÖM
052 053 050 055 044 054 045 060 061 062 063 067 068 059 057 058	B B C D D abov D nt: f1 ior Ro A A A A A A A A A A A A A A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped cei Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door Stairs Stairs	Rgt Rgt Ctr Ctr Rgt Ctr Iing Rgt Only Lft	Door Casing Floor Casing  Casing  Lower Upper Lower Upper	1 P P P I I I I P P P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster Metal Wood Wood Wood Wood Wood Wood Wood Woo	white varnish white white white white white white  white  I multi multi varnish multi multi red red multi varnish varnish varnish	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1 0.0 -0.2	OW OW OW OW OW OW OW OW OW
052 053 050 055 044 054 045 060 061 062 063 067 068 059 057 058	B B C D D abov D nt: f1 ior Ro A A A A A A A A A A A A A A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped ceil Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Door Stairs Railing	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt  Only Lft	Door Casing Floor Casing  Casing  Frame Lower Upper Lower Upper Baseboard Low Wall	1 P P P I I I I P P P P P P P P P P P P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Dry wall Plaster Plaster Metal Wood Wood Wood Wood Plaster	white varnish white white white white white white  white  I multi multi varnish multi red red multi varnish varnish varnish warnish varnish multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1 0.0 -0.2 3.5	ÖW  ÖW  ÖW  ÖW  ÖM  ÖM  ÖM  ÖM  ÖM  ÖM
nter: 660 661 665 662 669 663 667 668 559 557 558 566 70	B B C D D abov D nt: f1 ior Ro A A A A A A A A A A A A A A A A A A A	Closet Closet Closet Window Pipe Wall Ceiling e dropped cei Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Vall Soor Stairs Railing Closet Closet	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt Only Lft	Door Casing Floor Casing  Casing  Frame Lower Upper Lower Upper Baseboard	I P P P I I I I P P P I P P I P	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Plaster Dry wall Plaster Plaster Metal Wood Wood Wood Wood Wood Wood Wood Woo	white varnish white white white white white white white  multi multi multi multi multi red red multi varnish varnish varnish varnish varnish varnish varnish multi varnish varnish	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1 0.0 -0.2 3.5 0.1	ÖW  ÖW  ÖW  ÖM  ÖM  ÖM  ÖM  ÖM  ÖM  ÖM
052 053 050 055 044 054 045 060 061 062 063 067 068 059 057 058	B B C D D abov D nt: f1 ior Ro A A A A A A A A A A A A A A A A A A A	Closet Closet Window Pipe Wall Ceiling e dropped cei Door cor carpeted  om 007 Number Bull. Board Bull. Board Cabinet Wall Wall Wall Wall Wall Vall Soor Stairs Railing Closet	Rgt Rgt Ctr Ctr Rgt Ctr Ing Rgt  Only Lft	Door Casing Floor Casing  Casing  Frame Lower Upper Lower Upper Baseboard Low Wall	1 P P P I I I P P P I I I I P P P I I I I P P P P I I I I I P P P I I I I I P P P P I I I I I I P P P P I I I I I I P P P P I I I I I P P P P I I I I I I P P P P I I I I I I P P P P I I I I I I P P P P I	Wood Wood Wood Metal Plaster Plaster Metal  Fiberboard Wood Wood Plaster Dry wall Plaster Plaster Metal Wood Wood Wood Wood Plaster	white varnish white white white white white white  white  I multi multi varnish multi red red multi varnish varnish varnish warnish varnish multi	-0.2 0.0 3.7 -0.1 0.1 0.2 -0.1 -0.1 -0.2 2.7 0.0 -0.2 3.2 0.2 0.1 0.0 -0.2 3.5	ÖW  ÖW  ÖW  ÖW  ÖM  ÖM  ÖM  ÖM  ÖM  ÖM

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate		Lead (mg/cm²)	Mada
110,	vvdii		Location	Meningi	Cond		COIOF	(mg/cm²)	woue
064	В	Door	Lft		P	Wood	varnish	-0.1	QM
071		closet - room		Electrical	-	34-4-1		0.1	014
071	В	Door Railing	Lft Lft	Frame	I P	Metal	red	0.1	QM
073	B	Chair Rail	Lft			Wood	varnish	0.2	QM
076		Wall		17	I	Wood	white	-0.1	QM
076 079	C	Wall Wall	Lft	Upper	I	Plaster	blue	0.5	QM
	C	***	Lft	Lower	I	Dry wall	blue	-0.2	QM
078	C	Window	Lft	Casing	P P	Wood	white	4.1	QM
080	D	Shelving	Lft	W1	P	Wood	varnish	-0.1	QM
081	D	Stage	Ctr	Floor	P	Wood	tan	-0.3	QM
082	D	Stage	Ctr	Wall	P	Wood	tan	0.1	QM
083	D	Wall	Ctr		I	Dry wall	multi	0.0	QM
droppe	d ce	ssume lower pla iling, ramp unp	painted un		ous room	as posicive	, vac rioc	)	
		oom 008 Number	_	¥7		D1		0.1	
084 085	A	Wall	Ctr	Upper Lower	P	Plaster	cream	0.1	QM
	A	Wall Coiling	Ctr	rower	P	Plaster	cream	-0.1	QM
086	A	Ceiling	Ctr	7	P	Plaster	white	0.4	QM
090	В	Wall	Ctr	Lower	I	Plaster	cream	4.5	QM
089	C	Wall	Ctr		I	Wood	cream	-0.1	QM
087	C	Door	Ctr	Frame	P	Metal	white	-0.1	QM
088	С	Door	Ctr		P	Metal	white	0.2	QM
Interi	or Ro	om 009 Number	Only			<del></del>			
094	A	Door	Ctr		P	Metal	white	0.0	QM
095	В	Wall	Lft		P	Dry wall	white	-0.2	QM
	rest	of walls				-			~
096	В	Door	Ctr	Casing	P	Wood	white	0.2	QM
091	D	Wall	Ctr	Upper	I	Plaster	white	-0.1	QM
092	D	Wall	Ctr	Lower	I	Plaster	white	7.1	QM
093	D	Railing	Ctr	Balusters	I	Wood	white	0.3	QM
Interio	or Ro	om 010 Bathroo	ım						<del></del>
11169110 098	A	Trim	Ctr		P	Wood	varnish	-0.1	QM
099	A	Shelving	Ctr		P	Wood	varnish	-0.3	QM
L00	A	Wall	Ctr		P	Plaster	aqua	0.5	QM
97	A	Closet	Lft	Door	P	Wood	varnish	0.0	QM
101	A	Closet	Lft	Wall	P	Plaster	white	-0.2	QM
101	В	Radiator	Lft	HGII	I	Aluminum	brown	0.0	QM QM
L04 L05	_	Chair Rail			Ξ				
L02	B B	Wall	Ctr Lft	Unnor	P I	Wood	white	0.1	QM OM
				Upper		Plaster	white	0.1	MQ
103	В	Wall	Lft	Lower	Þ	Dry wall	white	0.0	QM
110	В	Floor	Rgt	Tile	P	Ceramic	cream	-0.1	QM
106	В	Window	Ctr	Casing	P	Wood	white	2.9	ОМ
109	C	Door	Rgt	maa.	P	Wood	varnish	-0.4	QM
	D	Wall	Lft	Tile	I	Ceramic	multi	>9.9	QM
.08	D	Floor	Lft	Tile	I	Ceramic	grey	-0.2	QM
nterio	r Ro	om 011 Stairs							
	A	Wall	Ctr	Lower	P	Plaster	white	3.3	QM
	A	Wall	Ctr	Upper	P	Plaster	white	0.0	QM
	В	Stairs	Ctr	- E- E	P	Wood	brown	-0.1	QM
	c	Railing	Lft		P	Wood	brown	-0.2	QM
	D	Wall	Rgt		P	Block	white	-0.2 -0.1	QM
13		7 1 CA AL AL	***		E	PIOCK	WILTCA	.O. T	$\lambda_{1,1}$
	D	Door	Ctr		P	Metal	red	0.3	QM

121 119 124 125 126 127 118 120 122 123 117 128 129 130 Commen	B C C C C C C C C C C C C C C C C C C C	Structure  com 012 Number Chalkboard Chair Rail Coat Rack Bull. Board Shelving Wall Wall Wall Wall Window Cabinet Trim Door copped ceiling,	Only Lft Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ct	Frame Frame Upper Lower Upper Casing	1 1 1 1 1 1 1 1	Wood Wood Wood Fiberboard Wood Plaster Dry wall Plaster Plaster Wood	red aqua yellow red blue aqua aqua yellow yellow aqua	0.0 -0.1 0.2 1.6 0.0 0.0 0.1 -0.3 0.3 4.4	ÖW ÖW ÖW ÖW ÖW
121 119 124 125 126 127 118 120 122 123 117 128 129 130 Comment	B C C C C C C C C C C C C C C C C C C C	Chalkboard Chair Rail Coat Rack Bull. Board Shelving Wall Wall Wall Window Cabinet Trim Door Copped ceiling,	Lft Ctr Ctr Ctr Rgt Ctr Ctr Ctr Ctr Ctr Ctr Ctr	Frame Upper Lower Upper Lower	1 P P I I I P P P	Wood Wood Fiberboard Wood Plaster Dry wall Plaster Plaster	aqua yellow red red blue aqua aqua yellow	-0.1 0.2 1.6 0.0 0.0 0.1 -0.3 0.3 4.4	OW OW OW OW OW
119 124 125 126 127 118 120 122 123 117 128 129 130 Comment	C C C C C C C D D D D D D T: dr	Chair Rail Coat Rack Bull. Board Bull. Board Shelving Wall Wall Wall Window Cabinet Trim Door Copped ceiling,	Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Lft	Frame Upper Lower Upper Lower	1 P P I I I P P P	Wood Wood Fiberboard Wood Plaster Dry wall Plaster Plaster	aqua yellow red red blue aqua aqua yellow	-0.1 0.2 1.6 0.0 0.0 0.1 -0.3 0.3 4.4	OW OW OW OW OW
124 125 126 127 118 120 122 123 117 128 129 130 Commen Interi 131 132 133	C C C C C C D D D D D D T: dr	Coat Rack Bull. Board Bull. Board Shelving Wall Wall Wall Window Cabinet Trim Door	Ctr Ctr Ctr Ctr Ctr Ctr Ctr Ctr Lft	Upper Lower Upper Lower	1 P 1 1 1 1 P P	Wood Wood Fiberboard Wood Plaster Dry wall Plaster Plaster	yellow red red blue aqua aqua yellow yellow	0.2 1.6 0.0 0.0 0.1 -0.3 0.3 4.4	OW OW OW OW OW
125 126 127 118 120 122 123 117 128 129 130 Comment Interi 131 132 133	C C C C C C D D D nt: dr	Bull. Board Bull. Board Shelving Wall Wall Wall Window Cabinet Trim Door	Ctr Ctr Rgt Ctr Ctr Ctr Ctr Ctr Lft	Upper Lower Upper Lower	1 P I I I P P	Wood Fiberboard Wood Plaster Dry wall Plaster Plaster	red red blue aqua aqua yellow	1.6 0.0 0.0 0.1 -0.3 0.3 4.4	OW OW OW OW OW
126 127 118 120 122 123 117 128 129 130 Comment Interi 131 132 133	C C C C C C D D D at: dr	Bull. Board Shelving Wall Wall Wall Window Cabinet Trim Door	Ctr Rgt Ctr Ctr Ctr Ctr Ctr Lft	Upper Lower Upper Lower	P I I I P P	Fiberboard Wood Plaster Dry wall Plaster Plaster	red blue aqua aqua yellow yellow	0.0 0.0 0.1 -0.3 0.3 4.4	QM QM QM QM QM QM
127 118 120 122 123 117 128 129 130 Commen Interi 131 132 133	C C C C C D D D ont: dr	Shelving Wall Wall Wall Wall Window Cabinet Trim Door	Rgt Ctr Ctr Ctr Ctr Ctr Lft Ctr	Lower Upper Lower	P I I I P P	Wood Plaster Dry wall Plaster Plaster	blue aqua aqua yellow yellow	0.0 0.1 -0.3 0.3 4.4	OW OW OW OW
118 120 122 123 117 128 129 130 Commen Interi 131 132 133	C C C C D D D D ont: dr	Wall Wall Wall Wall Window Cabinet Trim Door copped ceiling,	Ctr Ctr Ctr Ctr Ctr Lft Ctr	Lower Upper Lower	I I I P P	Plaster Dry wall Plaster Plaster	aqua aqua yellow yellow	0.1 -0.3 0.3 4.4	OW OW OW OW
120 122 123 117 128 129 130 Commen Interi 131 132 133	C C C D D D nt: dr	Wall Wall Wall Window Cabinet Trim Door copped ceiling,	Ctr Ctr Ctr Ctr Lft Ctr Lft	Lower Upper Lower	I I P P	Dry wall Plaster Plaster	aqua yellow yellow	-0.3 0.3 4.4	MQ MQ MQ MQ
120 122 123 117 128 129 130 Commen Interi 131 132 133	C C D D D nt: dr	Wall Wall Window Cabinet Trim Door copped ceiling,	Ctr Ctr Ctr Lft Ctr Lft	Lower Upper Lower	I I P P	Dry wall Plaster Plaster	aqua yellow yellow	-0.3 0.3 4.4	MQ MQ MQ
123 117 128 129 130 Commen Interi 131 132 133	C C D D D nt: dr	Wall Window Cabinet Trim Door copped ceiling,	Ctr Ctr Lft Ctr Lft	Upper Lower	I I P P	Plaster Plaster	yellow yellow	0.3 4.4	QM QM
123 117 128 129 130 Commen Interi 131 132 133	C C D D D nt: dr	Wall Window Cabinet Trim Door copped ceiling,	Ctr Ctr Lft Ctr Lft	Lower	I P P	Plaster	yellow	4.4	QM
117 128 129 130 Commen Interi 131 132 133	C D D D nt: dr	Window Cabinet Trim Door copped ceiling,	Ctr Lft Ctr Lft		P P		-		
128 129 130 Commen Interi 131 132 133	D D D nt: dr	Cabinet Trim Door copped ceiling,	Lft Ctr Lft	0 <b>002</b> g	P	noou		3.1	QM
129 130 Commen Interi 131 132 133	D D nt: dr .or Ro	Trim Door copped ceiling,	Ctr Lft			Wood	green	-0.2	QM
130 Comment Interi 131 132 133	D nt: dr .or Ro	Door copped ceiling,	Lft		P	Wood	green	-0.2 -0.1	QM
Interi 131 132 133	or Ro	copped ceiling,					_		
Interi 131 132 133	or Ro		rroor ca	لدحيات	₽	Wood	varnish	-0.2	QM
131 132 133	A			rpeted					
132 133		om 013 Bathroc							
133		Wall	Ctr		I	Dry wall	cream	0.0	QM
	Α	Wall	Ctr	Tile	I	Ceramic	multi	-0.2	QM
134	A	Floor	Ctr	Tile	I	Ceramic	grey	-0.2	QM
	В	Trim	Lft		P	Wood	green	-0.2	QМ
Interi	or Ro	om 014 Number	Onlv	1.0 = 0.00					<del></del>
136	A	Chair Rail	Ctr		I	Wood	white	0.0	QM
137	A	Wall	Rgt	Upper	ī	Plaster	white	0.1	QΜ
138	A	Wall	Rgt	Lower	I	Dry wall	white	-0.1	QM
139	A	Floor	-		ī	Ceramic			
			Rgt	Tile			grey	-0.2	QM
135	A	Window	Ctr	Casing	P	Wood	white	3.7	QM
140	В	Trim	Lft		I	Wood	white	0.0	QM
142	В	Bull. Board	Ctr		P	Fiberboard		-0.1	QM
144	В	Cabinet	Rgt		P	Wood	stain	-0.2	QM
141	В	Wall	Ctr	Lower	I	Plaster	white	4.0	QM
143	В	Wall	Rgt	Tile	I	Ceramic	white	0.4	QM
145	С	Wall	Rgt	Upper	I	Plaster	white	0.1	QM
146	С	Wall	Rgt	Lower	I	Plaster	white	3.2	QM
147	D	Door	Rgt		P	Wood	white	-0.5	QM
151	D	Door	Rgt	Casing	P	Wood	white	0.0	QM
149	D	Closet	Rgt	Low Wall	P	Plaster	cream	4.8	QM
150	D	Closet	Rgt	Up Wall	P	Plaster	cream	0.2	QM
148	D	Closet	Rgt	Door	P	Wood	white	0.0	ŎΜ
Interi	or Ro	om 015 Number (	Only	0 11-01-01-01-01-01-01-01-01-01-01-01-01-0					
152	A A	Ceiling	Ctr		P	Plaster	white	0.3	QM
158	В	Door	Ctr	Casing	P	Wood	varnish	-0.4	QM
155	D	Shelving	Ctr		P	Wood	stain	0.0	QM
156	D	Shelving	Ctr	Seat	P	Wood		-0.1	_
153		Wall	Ctr		P	Plaster	grey		QM
	D			Upper			white	-0.1	QM
154	D	Wall	Ctr	Lower	P	Plaster	white	0.0	QM
157	D	Floor	Ctr		P	Concrete	grey	0.0	QM
	or Roc	om 016 Stairs	***************************************						
159	-	Wall	Ctr	Upper	P	Plaster	white	0.1	QM
160	-	Wall	Ctr	Lower	P		white	8.2	QМ
161	-	Ceiling	Ctr		P		white	0.0	QM
162	_	Stairs	Ctr	Baseboard	P		varnish	0.0	QM
163	_	Railing	Ctr		P		varnish	-0.2	QM

No.	g Wali	Structure	Location		Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
164	A	Window	Lft	Casing	I	Wood	white	3.5	QM
166	A	Door	Rgt	Header	I	Wood	white	0.0	QM
165	С	Door	Rgt	Frame	I	Metal	white	0.0	QM
Comme	nt: c	eiling tiled,	floor & st	tairs carpeted	ì, new	factory pa	inted en	try	
doors	!								
Inter	ior R	oom 017 Number	c Only						
168	A	Chair Rail	Ctr		I	Wood	white	-0.1	QM
169	A	Wall	Ctr	Lower	I	Dry wall	white	-0.2	QM
167	A	Window	Ctr	Casing	P	Wood	white	3.1	QM
170	В	Trim	Lft		P	Wood	white	0.2	QM
171	В	Bull. Board	Lft		P	Fiberboard		-0.2	QM
172	В	Cabinet	Lft		P	Wood	white	0.1	QM
L73	C	Wall	Lft	Lower	P	Plaster	white	1.0	QM
L74	C	Wall	Lft	Upper	P	Plaster	white	0.2	QM
177	C	Door	Rgt	_	P	Wood	varnish		QM
175	D	Chalkboard	Lft	Frame	P	Wood	white	0.0	QM
L76	D	Shelving	Lft		P	Wood	stain	0.0	QM
		oom 018 Number		_	_	_			
180	В	Chalkboard	Rgt	Frame	P	Wood	white	-0.1	QM
L81	В	Bull. Board	Rgt	_	P	Fiberboard		-0.1	QM
.82	В	Bull. Board	Rgt	Frame	P	Wood	white	-0.4	QM
183	В	Wall	Rgt	Lower	P	Plaster	white	1.9	QM
L <b>79</b>	С	Chalkboard	Lft	Frame	P	Wood	white	0.4	QM
70					_				
184 Commer		Wall Door indow walls sa	Lft Rgt me as othe	r rooms, viny	I P l tile	Block Metal ad floor, d	white white ropped	0.0	δw би
184 Commer ceilir Interi	C nt: wi	Door	Rgt me as othe	r rooms, viny	P	Metal	white		QМ
ceilir	C nt: wi	Door indow walls sa	Rgt me as othe	r rooms, viny	P l tile	Metal ad floor, d	white ropped	0.1	
184 Commer ceilir Interi 187	C nt: wi	Door indow walls sa oom 019 Stairs Stairs	Rgt me as othe	r rooms, viny	P l tile	Metal ad floor, d	white ropped	0.1	QМ
.84 Commer :eilir :nteri :87	C nt: wing ior Ro unde	Door indow walls sa com 019 Stairs Stairs er carpet	Rgt me as othe Ctr	r rooms, viny	P l tile	Metal ed floor, d	white ropped varnish	0.1	QM QM
.84 Commer seilir .87 .86 .85 .99	C nt: wing ior Ro unde	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing	Rgt me as othe Ctr Ctr	r rooms, viny Under Pans	P l tile P P	Metal ed floor, d Wood Wood	white ropped varnish	0.0	QM QM
.84 Commerceilin Enteri .87 .86 .85 .99	C nt: wing ior Ro unde	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim	Rgt me as othe Ctr Ctr Lft		P l tile P P P	Metal ed floor, do Wood Wood Wood	white ropped varnish varnish varnish	0.1 0.0 0.0 -0.2 0.0	ÖW ÖM
84 Commer eilir 87 86 85 99 88 92	C nt: wing ior Ro - unde - A A A A	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet	Rgt me as othe  Ctr  Ctr  Lft  Lft  Rgt  Rgt	Under Pans Baseboard Door	P l tile	Metal ed floor, de Wood Wood Plaster Wood Plywood	white ropped varnish varnish white varnish white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4	OW OW OW OW OW
84 Commerceiling 87 86 85 99 88 92 93	C nt: wing ior Ro - unde - A A A A A A	Door indow walls sa  oom 019 Stairs Stairs er carpet Railing Trim Stairs Stairs Closet Closet	Rgt me as othe  Ctr  Ctr  Lft  Lft  Rgt  Rgt  Rgt	Under Pans Baseboard Door Door Casing	P l tile	Metal ed floor, de Wood Wood Plaster Wood Plywood Wood	white ropped varnish varnish white varnish white white white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1	OW OW OW OW OW
84 Commerceiling 87 86 85 99 88 92 93	C nt: wing ior Ro - unde - A A A A A A A A	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet	Rgt me as othe  Ctr  Ctr  Lft  Lft  Rgt  Rgt  Rgt  Rgt	Under Pans Baseboard Door Door Casing Floor	P l tile	Wood Wood Wood Plaster Wood Plywood Wood Concrete	white ropped varnish varnish white varnish white white white white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0	OW OW OW OW OW
84 Commerceilin 87 .86 .85 .99 .88 .92 .93 .95 .94	C nt: wing ior Ro - unde - A A A A A A A A A	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet	Rgt me as othe  Ctr  Ctr  Lft  Lft  Rgt  Rgt  Rgt  Rgt  Rgt	Under Pans Baseboard Door Door Casing Floor Wall	P l tile	Wood Wood Wood Plaster Wood Plywood Wood Concrete	varnish varnish varnish white varnish white white white white white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7	OM OM OM OM OM OM OM
84 Commerceilin 87 .86 .85 .99 .88 .92 .93 .95 .94 .96	ior Rounds unds A A A A A A A A A A A A A A A A A A A	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt	Under Pans Baseboard Door Door Casing Floor Wall Ceiling	P l tile	Wood Wood Plaster Wood Plywood Wood Concrete Concrete Plaster	varnish varnish white varnish white white white white white white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3	OM OM OM OM OM OM OM OM
84 Commer ceilir 87 .86 .85 .99 .88 .92 .93 .95 .94 .96 .90	ior Rounds unds A A A A A A A A A A A A A A A A A A A	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Closet Wall	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Rgt	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper	P l tile	Wood Wood Wood Plaster Wood Plywood Wood Concrete Concrete Plaster Plaster	varnish varnish white varnish white white white white white white white white white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3	OM OM OM OM OM OM OM OM
Interi In	ior Rounds unds A A A A A B B	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Closet Wall Wall	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Rgt Rgt	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower	P l tile	Wood Wood Wood Plaster Wood Plywood Wood Concrete Concrete Plaster Plaster	varnish varnish white varnish white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9	OM OM OM OM OM OM OM OM OM OM
Interi In	ior Rounds unds A A A A B B B	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Closet Wall Wall Window	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Rgt Rgt	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper	P l tile	Wood Wood Plaster Wood Plywood Wood Concrete Concrete Plaster Plaster Plaster Wood	varnish varnish white varnish white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0	OM OM OM OM OM OM OM OM OM OM
84 Commer eilir 87 86 85 99 88 92 93 95 94 96 90 91 89	ior Rounds	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Wall Wall Window Chair Rail	Rgt me as othe  Ctr Ctr Lft Rgt Rgt Rgt Rgt Rgt Rgt Rgt Rgt Rgt Rg	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower	P l tile	Wood Wood Wood Plaster Wood Plywood Wood Concrete Concrete Plaster Plaster Plaster Wood Wood	varnish varnish white varnish white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1	OW OW OW OW OW OW OW OW OW OW OW
I84 Commerceilir I87 I86 I85 I89 I88 I92 I93 I95 I94 I96 I99 I89 I89 I89 I89 I89 I89 I89 I89 I89	ior Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Closet Wall Wall Window	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Rgt Ctr Ctr	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing	P l tile	Wood Wood Plaster Wood Vood Concrete Plaster Plaster Plaster Wood Concrete	white ropped varnish varnish white varnish white brown	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0	OM OM OM OM OM OM OM OM OM OM
Interi In	ior Rounder - A A A A A A B B B C C at: ne	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Closet Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing	P l tile	Wood Wood Plaster Wood Vood Concrete Plaster Plaster Plaster Wood Concrete	white ropped varnish varnish white varnish white brown	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1	OW OW OW OW OW OW OW OW OW OW OW
84 Commer ceilir 87 .86 .85 .99 .88 .92 .93 .95 .94 .96 .90 .91 .89 .97 .98 .98 .99 .98	or Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Conly	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing	P P P P P P P P P P P P P P P P P P P	Wood Wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete	white ropped varnish varnish white varnish white brown peted	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1	OW OW OW OW OW OW OW OW OW
84 Commer ceilir 87 .86 .85 .99 .88 .92 .93 .95 .94 .96 .90 .91 .89 .97 .98 .00mmen	or Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number Wall	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Conly Ctr	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing other stairs,	P I tile P P P P P P P P P P P P P P P P P P P	Wood Wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete	white ropped varnish varnish white varnish white brown peted white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1 0.0	OW OW OW OW OW OW OW OW OW OW OW OW OW
Enteri En	or Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number Wall Window	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Ctr Ctr Ctr	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing other stairs,	P P P P P P P P P P P P P P P P P P P	Wetal ad floor, di wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete Plaster Plaster Brick Wood	white ropped varnish varnish white varnish white white white white white white white white white brown peted white white white brown peted	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1 0.0	OW OW OW OW OW OW OW OW OW OW OW OW OW
84 commerceiling nteri 87 86 85 99 88 92 93 95 94 96 90 91 89 97 98 commen	ior Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number Wall Window Door	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Ctr tft Lft Lft	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing other stairs,	P P P P P P P P P P P P P P P P P P P	Wetal ad floor, di Wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete Plaster Plaster Brick Wood Wood Wood Wood Wood Wood Wood Woo	white ropped varnish varnish white varnish white white white white white white white white brown peted white white white white brown peted	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1 0.0	OW OW OW OW OW OW OW OW OW OW OW OW OW
84 commercial interial interia	or Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number Wall Window Door Ceiling	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Ctr tft Ctr Ctr Ctr Ctr	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing other stairs,	P P P P P P P P P P P P P P P P P P P	Wood Wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete Plaster Plaster Brick Wood Wood Dry wall	white ropped varnish varnish white varnish white white white white white white white brown peted white	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1 0.0	OW OW OW OW OW OW OW OW OW OW OW OW OW O
Interi In	ior Ro	Door indow walls sa  oom 019 Stairs Stairs or carpet Railing Trim Stairs Stairs Closet Closet Closet Closet Wall Wall Window Chair Rail Floor w metal entry  om 020 Number Wall Window Door	Rgt me as othe  Ctr Ctr Lft Lft Rgt Rgt Rgt Rgt Rgt Ctr Ctr Ctr Ctr tft Lft Lft	Under Pans Baseboard Door Door Casing Floor Wall Ceiling Upper Lower Casing other stairs,	P P P P P P P P P P P P P P P P P P P	Wood Wood Wood Plaster Wood Plywood Wood Concrete Plaster Plaster Plaster Wood Wood Concrete Plaster Plaster Brick Wood Wood Dry wall	white ropped varnish varnish white varnish white white white white white white white white brown peted white white white white brown peted	0.1 0.0 0.0 -0.2 0.0 -0.2 -0.4 -0.1 0.0 5.7 0.3 0.3 >9.9 0.0 0.1 0.0	OW OW OW OW OW OW OW OW OW OW OW OW OW

Readin No.	g Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
								,g. viii /	
		oom 021 Hallway							
202	A	Trim	Ctr		P	Wood	varnish	0.0	QM
204	A	Radiator	Rgt		P	Aluminum	brown	0.2	QM
200	A	Wall	Ctr	Upper	Ъ	Plaster	cream	0.1	QM
201	A	Wall	Ctr	Lower	P	Plaster	cream	0.2	QM
203	A	Door	Ctr		P	Wood	varnish	-0.2	QM
205	С	Bull. Board	Lft		P	Fiberboard	white	0.0	QM
277	C	Ceiling	Ctr		P	Plaster	white	0.2	QM
206	С	Door	Ctr	Panel	I	Dry wall	cream	0.0	QM
Comme	nt: p	laster above dr	op ceilin	gs					
Inter	ior R	oom 022 Girl's	Lav.	<del></del>					
207	A	Wall	Ctr		I	Brick	orange	0.0	QM
208	A	Floor	Ctr	Tile	I	Ceramic	grey	0.0	QM
209	В	Window	Ctr	Trim	P	Wood	white	0.0	QM
210	D	Toilet Stall	Lft		P	Metal	white	0.3	Qм
211	D	Pipe	Rgt		I	Metal	silver	-0.1	QM
Inter	ior R	oom 023 Number	Only						
212	A	Bull. Board	Ctr		P	Fiberboard	white	0.2	QM
213	A	Trim	Ctr		P	Wood	varnish		QM
214	A	Chalkboard	Ctr	Tray	P	Wood	white	-0.1	QM
215	A	Wall	Ctr	Lower	P	Plaster	white	>9.9	QM
216	A	Door	Rat		P	Wood	varnish		QM
220	В	Cabinet	Rgt		P	Wood	varnish	-0.1	QΜ
217	В	Closet	Ctr	Up Wall	P	Plaster	white	0.1	QM
218	В	Closet	Ctr	Low Wall	P	Plaster	white	3.6	QM
219	В	Closet	Ctr	Shelving	P	Wood	white	-0.3	
221	c	Window	Ctr	Trim	P	Wood			QM
222	D C	Wall	Ctr	Upper	I	Plaster	white	0.0	QM
	_	copped ceilings					white ns	-0.1	QM
Inter	ior Ro	oom 024 Number	Only						
223	A	Shelving	Lft		P	Wood	white	0.1	QM
225	c	Window	Ctr	Trim	P	Wood	white	0.2	QM
224	D	Chalkboard	Ctr	Tray	P	Wood	white	0.2	QM QM
	_	ume as 023	CCL	*ral	r	ποσα	MILT CO	0.0	ΩM
Interi	ior Ro	oom 025 Number (	nlv						<u></u>
226	A A	Trim	Rgt		P	Wood	varnish	-0.4	OM
227	A	Wall	Rgt	Lower	Ī	Plaster	white	-0.4 >9.9	QM QM
228	A	Baseboard	Rgt	20ngi	Ī	Wood	white	-0.1	QM
		me as 023	Ng C		-	noou	HIIT CE	- <b>V.I</b>	Χı
Interi	or Pa	om 026 Number (	)n]v						
interi 229	C KO	Wall	_		•	Dlaster		Λ 1	014
			Ctr	mil.	I	Plaster	cream	-0.1	QM
230	C	Wall	Ctr	Tile	I	Ceramic	grey	-0.2	QM
231	С	Ceiling	Ctr		I	Plaster	cream	-0.1	QM
	or Ro	om 027 Boy's La				**************************************			
		A	Ctr		I		white	0.0	QM
278	A	Ceiling							~~
278 232		Toilet Stall	Ctr		P	Metal	grey	-0.1	QM
278 232 236	A	-	Ctr	Tile	P I		grey white	-0.1 -0.1	QM QM
278 232 236 235	A B	Toilet Stall	Ctr	Tile Trim		Ceramic			
Interi 278 232 236 235 233	A B B	Toilet Stall	Ctr Rgt		I P	Ceramic Wood	white	-0.1	QM

Reading No.	g Wal	l Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Comme	nt:	same as girl's	lav except	where note	d				
Inter	ior	Room 028 Number	Only						
237	C	Radiator	Ctr		I	Aluminum	grey	-0.1	QM
239	C	Wall	Ctr	Lower	I	Plaster	white	3.7	QM
238	C	Window	Ctr	Trim	P	Wood	white	0.0	QM
Comme	nt:	same as 023							
Inter	ior	Room 029 Number	Only						
242	В	Cabinet	Lft	Wall	I	Plaster	aqua	-0.1	QM
240	С	Bull. Board	Ctr		P	Fiberboard	white	-0.1	QM
241	D	Shelving	Ctr		P	Wood	white	0.0	QM
Comme	nt:	same as 023							
Inter	ior	Room 030 Number	Only						
246	A	Window	Lft	Casing	I	Wood	white	0.0	QM
245	A	Window	Lft	Sash	I	Wood	white	0.0	QМ
243	C	Wall	Ctr		P	Plaster	white	0.1	QM
244	D	Trim	Ctr		P	Wood	varnish	-0.3	QM
Comme	nt: 1	mostly same as	023						
Inter	ior l	Room 031 Number	Only						
252	В	Closet	Rgt	Shelving	P	Wood	white	0.0	QM
251	C	Trim	Lft	_	P	Wood	white	0.2	QM
249	C	Wall	Lft	Upper	P	Plaster	white	0.1	QM
250	C	Wall	Lft	Lower	P	Plaster	white	9.2	QM
248	C	Window	Lft	Casing	r	Wood	white	-0.1	QM
247	С	Window	Lft	Sash	I	Wood	white	-0.1	QM
Inter	ior F	Room 032 Bathroo	m						
254	Α	Wall	Rgt		P	Plaster	white	0.2	QM
255	A	Wall	Rgt	Tile	r	Ceramic	white	-0.2	QM
256	Α	Window	Lft	Trim	P	Wood	white	0.0	QM
253	D	Door	Rgt		P	Wood	varnish	-0.3	QM
Commer	nt: .f	floor same as do	wnstairs l	athrooms					
Interi	ior F	Room 033 Number	Only						
262	A	Wall	Ctr		P	Dry wall	white	0.0	QM
258	D	Trim	Ctr		P	Wood	white	-0.1	QM
259	D	Bull. Board	Rgt		P	Fiberboard	white	0.2	QM
257	D	Window	Ctr	Sash	P	Wood	white	-0.1	QM
260	D	Closet	Lft	Shelving	P	Wood	white	0.0	QМ
261	D	Closet	Ctr	Wall	P	Fiberboard	cream	0.0	QM
Interi	or R	com 034 Number	Only						
263	A	Mural	Ctr		I	Canvas	multi	>9.9	QM
264	A	Bull. Board	Ctr		P	Fiberboard	white	-0.3	QM
265	A	Bull. Board	Ctr	Frame	I	Fiberboard	white	-0.1	QM
266	Α	Wall	Ctr	Lower	I	Plaster	white	-0.1	QM
267	С	Wall	Rgt		I	Dry wall	white	0.0	QМ
	or R	oom 035 Number	Only	·					
Interi	A	Closet	-	Wall	P	Plaster	white	-0.1	QM
Interi 276	-		-				white	0.0	QM
	В	Shelving	Ctr		P	11000	HILLO	0.0	
276		Shelving Fireplace		Trim			white	-0.1	QM
276 272	В		Lft	Trim Tile	P	Wood			

Readir	ng				Paint			Lead	
No.	Wall	Structure	Location	Member	Cond	Substrate	Color	(mg/cm²)	Mode
270	С	Wall	Ctr		I	Plaster	white	-0.1	QM
Inte	rior R	oom 036 Bath	room						
274	В	Trim	Lft		P	Wood	sky bl	ue 0.0	QM
275	В	Pipe	Ctr		P	Metal	sky bl	ue -0.2	QM
273	В	Wall	Lft		I	Plaster	sky bl	ue -0.1	QM
Cali	bratio	n Readings							
001								1.1	TC
002								1.0	TC
003								1.1	TC
290								1.0	TC
291								1.0	TC
292								1.0	TC
			End of	Posdings					

# HAZARDOUS MATERIALS COST ESTIMATES 61 DURANT TERRACE MIDDLETOWN, CONNECTICUT

### ASBESTOS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	1	UNIT C	OST	TO	TAL COST
RESIDUAL AIR CELL PIPE INSULATION	1	\$	50.00	SF	\$	50.00
BROWN BRITTLE CAULK AT HOT WATER TANK EXHAUST	1	\$	50.00	SF	\$	50.00
FLOOR TILE AND MASTIC	2,500	\$	4.50	SF	\$	11,250.00
RED CEMENT BELOW ROOF SHINGLES	7170	\$	3.00	SF	\$	21,510.00
BLACK FLASHING CEMENT	182	\$	3.50	LF	\$	637.00
BOILER RIB CEMENT (ASSUMED TO BE ACM)	140	\$	15.00	LF	\$	2,100.00
PIPE INSULATION BEHIND WALLS (ASSUMED TO BE ACM)	32	\$	15.00	SF	\$	480.00
SUBTOTAL					\$	36,077.00
ASBESTOS ABATEMENT CONTINGENCY (10%)					\$	3,607.70
ASBESTOS TOTAL					\$	39,684.70

### LEAD BASED PAINT COST ESTIMATE

THE COST FOR THIS WILL DEPEND UPON THE EXTEND OF RENOVATION/DEMOLITION AND CAN NOT BE ESTIMATED AT THIS TIME

### UNIVERSAL WASTE ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	J	INIT C	OST	TOT	AL COST
BALLASTS DISPOSAL	147	\$	1.50	EACH	\$	220.50
LIGHT TUBES DISPOSAL	2008	\$	0.50	LF	\$	1,004.00
MERCURY THERMOSTATS	1	\$	50.00	EACH	\$	50.00
LEAD ACID BATTERIES	8	\$	2.50	EACH	\$	20.00
LABOR	1	\$	500.00	DAY	\$	500.00
SUBTOTAL					\$	1,794.50
UNIVERSAL WASTE ABATEMENT CONTINGENCY (20%)					\$	358.80
UNIVERSAL WASTE TOTAL					S	2,153.30

### CHLOROFLUOROCARBONS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOT	AL COST
A/C UNITS	11	\$ 100.00 EACH	\$	1,100.00
LABOR	1	\$ 500.00 EACH	\$	500.00
SUBTOTAL			\$	1,600.00
CHLOROFLUOROCARBONS ABATEMENT CONTINGENCY (20%)	•		\$	320,00
CHLOROFLUOROCARBONS TOTAL			\$	1,920.00

### STORAGE TANK REMOVAL COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOT	AL COST
UNDER GROUND TANKS	ĭ	\$1,500.00 EACH	\$	1,500.00
SUBTOTAL			\$	1,500.00
STORAGE TANK REMOVAL CONTINGENCY (20%)			\$	300.00
STORAGE TANK REMOVAL TOTAL			S	1,800.00

### HAZARDOUS MATERIALS ABATEMENT SUBTOTAL

\$ 45,558.00

### **GRAND TOTAL** \$ 45,558.00

THE COST OF ABATEMENT MONITORING AND AIR SAMPLING WILL DEPEND UPON SCOPE OF ABATEMENT AND CONTRACTOR'S TIME SCHEDULE. IT USUALLY RANGES FROM 12-18% OF THE COST OF ABATEMENT

# Certificate of Training

Awarded to

### JAMES WEBB

For successful completion of a 4 Hour, 1/2 Day
Asbestos Building Inspector
Annual Refresher Training
FEBRUARY 22, 2010

This training was approved and given in accordance with the Regulations for Connecticut State Agencies

RCSA 20 - 440 - 1-9 and RCSA 20 - 441 and meets the requirements of the EPA Revised MAP under TSCA Title 11 of 4/4/94.

Presented by

Mystic Air Quality Consultants, Inc. 1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: ABIRF18687

Exam Grade: 95

Exam Date: 02/22/2010

Christopher J. Eldent, CIH, CSP, RS

Expiration Date: 02/22/2011

George Williamson, Training Director



STATE OF	CONNECTICUT
PURSUANT TO THE PROVISIONS OF	T OF PURITY HEALTH THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL N. BY THIS DI	AMED RELOW IS LICENSED EPARTMENT AS A
ASBESTOS CONS	ULTANT INSPECTOR
	LICENSE NO. 000588 CURRENT THROUGH
JAMES T. WEBB	08/31//11 VALIDATION NO.
	03-104020
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(144)	JANE Stelled NO HOUSE
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# CERTIFICATE OF ACHIEVEMENT

This certifies that

### Michelle Rudy

138 Brewster Road, West Hartford, CT 06117 043-54-6695

has successfully completed the

## INSPECTOR RISK ASSESSOR REFRESHER

Training Course conducted by ATC Associates Inc. 73 William Franks Drive West Springfield, MA 01089 (413) 781-0070

Principal Instructor

May 28, 2010 Date of Course

ELIRAR-266 Certificate Number May 28, 2010 Exam Date

May 28, 2011 Expiration Date

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 177 of the Connecticut General Statutes.

### STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

MICHELLE I. RUDY

CERTIFICATION NO. 002197 CURRENT THROUGH 01/31/11 VALIDATION NO. 03-997865

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# STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A

LEAD CONSULTANT CONTRACTOR

LICENSE NO. 001723 CURRENT THROUGH 04/30/11 VALIDATION NO. 03-043289

EAGLE ENVIRONMENTAL, INC

Potent Shew, no, non MES

COMMISSIONER

# State of Connecticut, Department of Public Health Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF FUELIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

EMSL ANALYTICAL, INC MANHATTAN, NY	New York, NY 10018	AND REGISTERED IN THE NAME OF Peter Frasca, Ph.D.	THIS CERTIFICATE IS ISSUED IN THE NAME OF  BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:	ASBESTOS Paint Chips, Soil, Dust Wipes	Examination For:  Bulk – Identification (PLM, TEM)  Air – Fiber Counting (PCM, TEM)  Water - TEM	SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED	RITHICATE EXPIRES September 30, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH	DATED AT HARTFORD, CONNECTICUT, THIS 24th DAY OF September, 2010
	LOCATED AT	AND REGISTERED IN	THIS CERTIFICATE IS IS: BY THE REGISTERED OW APPROVAL AS FOLLOWS:		Ď ď		THIS CERTIFICATE EXPIRES	DATED AT HARTFORI

Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS

CHIEF, ENVIRONMENTAL HEALTH SECTION